

=> fil reg

FILE 'REGISTRY' ENTERED AT 12:45:43 ON 02 MAR 2003
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STRUCTURE FILE UPDATES: 28 FEB 2003 HIGHEST RN 496269-39-7
DICTIONARY FILE UPDATES: 28 FEB 2003 HIGHEST RN 496269-39-7

TSCA INFORMATION NOW CURRENT THROUGH MAY 20, 2002

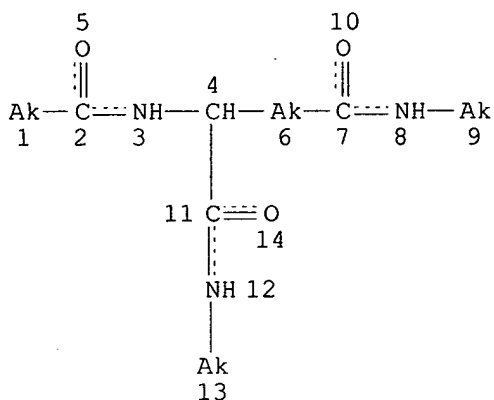
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP
PROPERTIES for more information. See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
<http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf>

=> d sta que l10

L1 STR



NODE ATTRIBUTES:
DEFAULT MLEVEL IS ATOM
DEFAULT ECLEVEL IS LIMITED

GRAPH ATTRIBUTES:
RING(S) ARE ISOLATED OR EMBEDDED
NUMBER OF NODES IS 14

STEREO ATTRIBUTES: NONE
L3 SCR 1838 OR 2043
L10 83 SEA FILE=REGISTRY CSS FUL L1 NOT L3

100.0% PROCESSED 76442 ITERATIONS
SEARCH TIME: 00.00.05

83 ANSWERS

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(FILE 'HOME' ENTERED AT 12:20:23 ON 02 MAR 2003)
SET COST OFF

Jan Delaval
Reference Librarian
Biotechnology & Chemical Library
CM1 1E07 - 703-308-4498
jan.delaval@uspto.gov

FILE 'REGISTRY' ENTERED AT 12:20:40 ON 02 MAR 2003

L1 STR
L2 0 S L1 CSS
L3 SCR 1838 OR 2043
L4 0 S L1 NOT L3 CSS
L5 SCR 2043
L6 0 S L1 NOT L5 CSS
L7 SCR 1838
L8 0 S L1 NOT L7 CSS
L9 4 S L1 NOT L7
L10 83 S L1 NOT L3 CSS FUL
SAV L10 VKIM073/A

FILE 'HCAOLD' ENTERED AT 12:24:19 ON 02 MAR 2003

L11 1 S L10

FILE 'HCAPLUS' ENTERED AT 12:24:37 ON 02 MAR 2003

L12 120 S L10
E YAMATO N/AU
L13 11 S E5,E6
E NAOYA Y/AU
E NAYOA/AU
E YOSHIHARA H/AU
L14 63 S E3-E7,E18
E AJINOMOTO/PA,CS
E AJINOMO/PA,CS
L15 8487 S E5-E10
L16 8486 S AJINOMOTO?/PA,CS
L17 12 S L12 AND L13-L16
E YAMAMOTO N/AU
L18 417 S E3,E4,E56
L19 1 S L12 AND L18
L20 12 S L17,L19
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 12:28:09 ON 02 MAR 2003

L21 24 S E1-E24
L22 59 S L10 NOT L21
L23 STR L1
L24 65 S L23 FUL SUB=L10
SAV L24 VKIM073A/A
L25 49 S L24 NOT L21
L26 8 S L21 NOT L24

FILE 'HCAPLUS' ENTERED AT 12:36:45 ON 02 MAR 2003

L27 112 S L24
L28 32 S L12,L27 AND COSMETIC?/SC,SX,CW,BI
L29 3 S L12,L27 AND (PHARMACEUT? OR PHARMACOL?)/SC,SX,CW,BI
L30 79 S L12,L27 AND GEL?
L31 23 S L30 AND L28,L29
L32 72 S L12,L27 AND (ASPART? OR GLUTAM?)
L33 19 S L32 AND L28,L29
L34 43 S L32 AND L30
L35 11 S L33 AND L34
L36 2 S L12,L27 AND ?ASPART?
L37 87 S L12,L27 AND ?GLUTAM?
L38 63 S L36,L37 AND L28,L29,L30
L39 15 S L38 AND L30 AND L28,L29
E COSMETICS/CT
L40 37375 S E3-E61
E E3+ALL
L41 56139 S E2,E1+NT

L42 32579 S E25+NT OR E26 OR E27+NT OR E29+NT OR E30+NT OR E31+NT
 L43 19470 S E28+NT
 L44 34 S L12,L27 AND L40-L43
 L45 25 S L44 AND GEL?
 L46 21 S L45 AND COSMETIC?/SC,SX
 L47 4 S L45 NOT L46
 L48 31 S L20,L46
 L49 31 S L48 AND L12-L20,L27-L48
 L50 23 S L49 AND (?ASPART? OR ?GLUTAM?)
 L51 6 S L49 NOT GEL?
 L52 20 S L50 NOT FUEL?/SC,SX,CW,BI
 L53 11 S L49 NOT L52

FILE 'REGISTRY' ENTERED AT 12:45:43 ON 02 MAR 2003

=> fil hcaplus

FILE 'HCAPLUS' ENTERED AT 12:45:54 ON 02 MAR 2003

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FILE COVERS 1907 - 2 Mar 2003 VOL 138 ISS 10

FILE LAST UPDATED: 28 Feb 2003 (20030228/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> d l52 all hitstr tot

L52 ANSWER 1 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 2003:89706 HCAPLUS
 DN 138:106999
 TI Preparation of N-acyl-L-aspartic and -glutamic acid
 diamides for gel compositions and cosmetics
 IN Yamamoto, Naoya; Yoshihara, Hideki
 PA Ajinomoto Co., Inc., Japan
 SO Fr. Demande, 23 pp.
 CODEN: FRXXBL
 DT Patent
 LA French
 IC ICM C07C225-06
 ICS A61K007-027; A61K007-32
 CC 34-2 (Amino Acids, Peptides, and Proteins)
 Section cross-reference(s): 62
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	FR 2820739	A1	20020816	FR 2002-1751	20020213
	JP 2002316971	A2	20021031	JP 2002-31820	20020208
	US 2002159961	A1	20021031	US 2002-73226	20020213
PRAI	JP 2001-35011	A	20010213		

OS MARPAT 138:106999

AB Title amides R3CO-L-Asp(NHR1)NHR2 and R3CO-L-Glu(NHR1)NHR2 (R1, R2 are C1-C26 hydrocarbyl and R3 is C7-C10 hydrocarbyl) were prepd. for obtaining **gelling agents, gel compns., and cosmetics.** Thus, N-(2-ethylhexanoyl)-L-**glutamic** acid dibutylamide was prepd. from sodium **glutamate** by acylation with 2-ethylhexanoyl chloride and amidation with dibutylamine. Synthetic dibutylamides were evaluated for **gelling aptitude.**

ST acyl **aspartic glutamic** acid diamide prepn **gel** compn

IT **Cosmetics**
(**gels**; prepn. of N-acyl-L-**aspartic** and -**glutamic** acid diamides for **gel compns. and cosmetics**)

IT 63663-21-8P 486455-65-6P 486455-66-7P
486455-67-8P 486455-68-9P 486455-69-0P
486455-70-3P 486455-71-4P
RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-acyl-L-**aspartic** and -**glutamic** acid diamides for **gel compns. and cosmetics**)

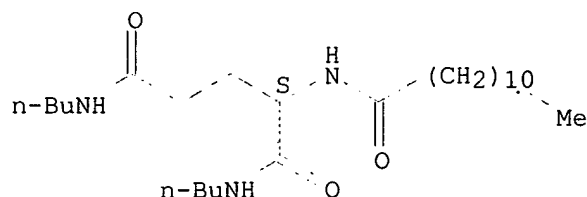
IT 109-73-9, Butylamine, reactions 111-64-8, Octanoyl chloride 760-67-8, 2-Ethylhexanoyl chloride 16177-21-2, Sodium **glutamate**
RL: RCT (Reactant); RACT (Reactant or reagent)
(prepn. of N-acyl-L-**aspartic** and -**glutamic** acid diamides for **gel compns. and cosmetics**)

IT 63663-21-8P 486455-65-6P 486455-66-7P
486455-67-8P 486455-68-9P 486455-69-0P
486455-70-3P 486455-71-4P
RL: COS (Cosmetic use); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(prepn. of N-acyl-L-**aspartic** and -**glutamic** acid diamides for **gel compns. and cosmetics**)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

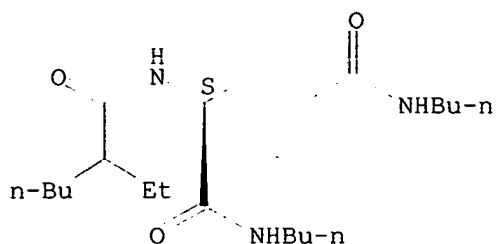
Absolute stereochemistry.



RN 486455-65-6 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(2-ethyl-1-oxohexyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

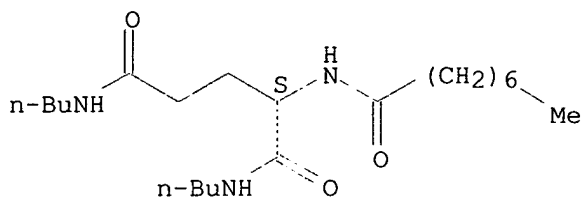
Absolute stereochemistry.



RN 486455-66-7 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

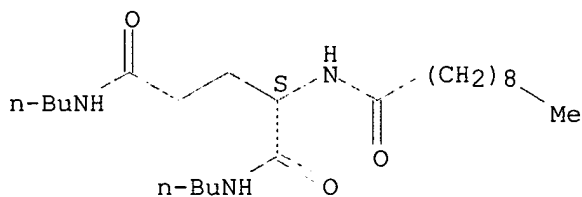
Absolute stereochemistry.



RN 486455-67-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxodecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

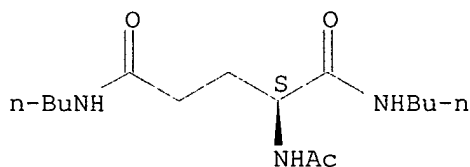
Absolute stereochemistry.



RN 486455-68-9 HCAPLUS

CN Pentanediamide, 2-(acetylamino)-N,N'-dibutyl-, (2S)- (9CI) (CA INDEX NAME)

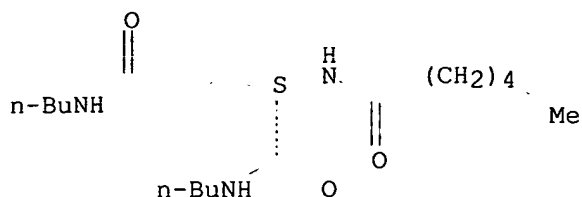
Absolute stereochemistry.



RN 486455-69-0 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxohexyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

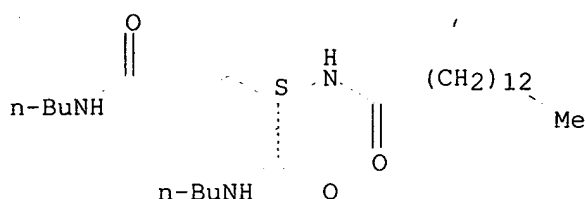
Absolute stereochemistry.



RN 486455-70-3 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxotetradecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

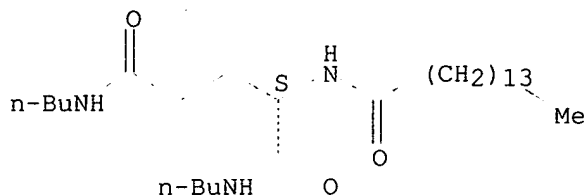
Absolute stereochemistry.



RN 486455-71-4 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxopentadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 2 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 2002:505224 HCAPLUS

DN 137:67924

TI Wax free transparent lipstick composition

IN Digirolamo, Debra

PA USA

SO U.S. Pat. Appl. Publ., 3 pp.

CODEN: USXXCO

DT Patent

LA English

IC ICM A61K007-025

NCL 424064000

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

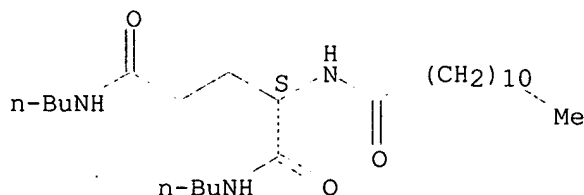
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 2002085984	A1	20020704	US 2001-754457	20010104
	US 6468510	B2	20021022		
PRAI	US 2001-754457		20010104		

AB The invention is a wax free lipstick compn. of from about 30 to about 50% wt. tackiness agent, from about 30 to about 50% wt. of an oil or ester, from about 0.01 to about 5% wt. of a firming, bulking agent, from about

0.5 to about 10% wt. of a transparent, oil-gelatinizing agent, and (v) optionally one or more of a coloring, perfuming, and appearance improving additive. A lipstick contained polybutene 40, trimethylolpropane tri-isostearate 40 wt.%, a tackiness reducing oil, about 4% di-isostearyl maleate feel enhancing ingredient, about 4% hydroxystearic acid as solidifier, firming agent, about 0.7% wt. polyethylene as bulking agent and about 5% wt. GP-1 (a N-acylglutamic acid diamide)m and small amts. of colors, fragrances, and pearlizing additives.

ST lipstick wax free **glutamate** amide
 IT **Cosmetics**
 (lipsticks; wax free transparent lipstick compn.)
 IT Esters, biological studies
 Fats and Glyceridic oils, biological studies
 Polyolefins
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wax free transparent lipstick compn.)
 IT 1330-70-7, Hydroxystearic acid 9002-88-4, Polyethylene 9003-29-6,
 Polybutene 63663-21-8, GP-1 86090-74-6, Trimethylolpropane
 isostearate 112385-09-8, Diisostearyl maleate 210628-82-3
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wax free transparent lipstick compn.)
 IT 63663-21-8, GP-1
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (wax free transparent lipstick compn.)
 RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 3 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 2002:236398 HCAPLUS
 DN 136:267925
 TI Antiperspirant formulations with oxygen-containing emollient oil
 IN Franklin, Kevin Ronald; Turner, Graham Andrew
 PA Unilever Home & Personal Care, USA Division of Conopco, Inc., USA
 SO U.S., 16 pp.
 CODEN: USXXAM
 DT Patent
 LA English
 IC ICM A61K007-32
 ICS A61K007-34; A61K007-38; A61K007-00
 NCL 424065000
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 6361766	B1	20020326	US 2001-920778	20010802
	US 2002039563	A1	20020404		
PRAI	US 2001-920778		20010802		
AB	Anhyd. antiperspirant formulations in which a particulate antiperspirant active is suspended in a carrier fluid can result in significant visible				

deposits when applied to skin or when transferred onto clothing. Anhyd. antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45%, preferably at least 60%, of its wt. comprises an oxygen-contg. emollient oil having a refractive index of at least 1.465, in conjunction with structurant comprises a wax or a non-polymeric fiber-forming **gellant**, excluding certain **gellants** or **gellant** combinations. Preferred emollient oils include alkyl benzoates and alkylphenylsiloxanes. The waxes can even comprise fatty alcs. For example, a wax structured opaque stick was prepd. contg. Castorwax MP80 5 parts, Kesterwax K82H 15 parts, a Al/Zr tetrachlorohydrex glycine complex (AZAG 7167) 24 parts, Finsolv TN 55 parts, and perfume 1 part. The stick left virtually no white deposits when applied to skin. By comparison, the com. sticks and formulations outside the scope of the present invention showed significantly inferior visible deposits or were phys. not able to be tested.

- ST oxygen contg emollient oil wax **gellant** antiperspirant
- IT Fatty acids, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (C18-36, ethoxylated; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Montan wax
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (C24-34; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Polysiloxanes, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (alkyl Me; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Polysiloxanes, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (alkyl Ph; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Carboxylic acids, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (alkyl esters, waxes; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT **Antiperspirants**
 - (antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Hydrocarbon oils
 - Polysiloxanes, biological studies
 - Waxes
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Alcohols, biological studies
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (fatty, waxes; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Castor oil
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (hydrogenated; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT Diglycerides
 - Monoglycerides
 - RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 - (mixed monoglycerides and diglycerides; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and **gellant**)
- IT **Gelation agents**
 - (non-polymeric fiber-forming; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and

gellant)

IT **Antiperspirants**
 (sticks; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and gellant)

IT Glycerides, biological studies
 Glycols, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (waxes; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and gellant)

IT 56-81-5, Glycerol, biological studies 56-86-0D, L-Glutamic acid, N-alkyl derivs., dialkylamides 57-11-4, Stearic acid, biological studies 57-11-4D, Stearic acid, alkyl esters 65-85-0D, Benzoic acid, C12-20 alkyl esters 83-46-5, .beta.-Sitosterol 106-14-9, 12-Hydroxystearic acid 112-92-5, Stearyl alcohol 541-02-6, DC 245 3390-61-2, PDM 7050 3982-82-9, DC 704 5333-42-6, Eutanol G 9003-13-8, Fluid AP 9005-08-7, Estol EO4DS 3724 11042-64-1, .gamma.-Oryzanol 14807-96-6, Talc, biological studies 17671-27-1, SP-C44 Ester Wax 27138-31-4, Dipropylene glycol dibenzoate 27458-93-1, Prisorine 3515 34364-24-4, Isostearyl benzoate **63663-21-8**, GP-1 74565-11-0, Finsolv TN 83984-91-2 103007-10-9, Tetramethyltetraphenyltrisiloxane 108347-89-3, Finsolv BOD 108347-90-6, Polypropylene glycol stearyl ether benzoate 134910-86-4, AZAG 7167 195740-04-6, Silkflo 364NF 346698-25-7, Kesterwax K 82H 373643-47-1, Kesterwax K62 397883-32-8, Finsolv TPP 398509-91-6, AACH A418 398514-34-6, Finsolv Expt 117-136 405116-76-9 405150-94-9, Kesterwax K 80H
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and gellant)

IT 621-82-9D, Cinnamic acid, alkoxy esters
 RL: MSC (Miscellaneous)
 (free; antiperspirant formulations with low visible deposits free from alkoxy cinnamate)

IT 7631-86-9, Aerosil 200, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (fumed; antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and gellant)

RE.CNT 21 THERE ARE 21 CITED REFERENCES AVAILABLE FOR THIS RECORD

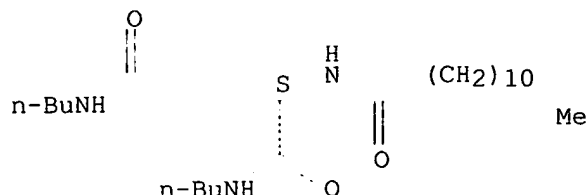
RE

- (1) Anon; EP 028853 1988 HCAPLUS
- (2) Anon; GB 00192328 1990
- (3) Anon; EP 0396137 1990 HCAPLUS
- (4) Anon; EP 388110 1990 HCAPLUS
- (5) Anon; EP 396137 1990 HCAPLUS
- (6) Anon; GB 2291805 1996 HCAPLUS
- (7) Anon; EP 804921 1997 HCAPLUS
- (8) Anon; WO 9851272 1998 HCAPLUS
- (9) Barton; US 3255082 A 1966 HCAPLUS
- (10) Bianchi; US 6068518 A 2000
- (11) Callaghan; US 5486347 A 1996 HCAPLUS
- (12) Davis; US 3986203 A 1976
- (13) Deckner; US 4919934 A 1990
- (14) Geria; US 4229432 A 1980 HCAPLUS
- (15) Keil; US 4265878 A 1981 HCAPLUS
- (16) Linn; US 5833964 A 1998 HCAPLUS
- (17) Linn; US 5972319 A 1999 HCAPLUS
- (18) Nabial; US 4425328 A 1984 HCAPLUS
- (19) Palinczar; US 4724139 A 1988 HCAPLUS
- (20) Shelton; US 4083956 A 1978 HCAPLUS
- (21) Tanner; US 4985238 A 1991 HCAPLUS

IT **63663-21-8**, GP-1
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (antiperspirant formulations with low visible deposits contg. emollient

oil, wax structurant and gellant)
 RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 4 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 2001:935362 HCAPLUS
 DN 136:58539
 TI Temperature-stable polyamide resin-based **cosmetic** compositions
 IN Murphy, John; Cunningham, John; Sanders, Angie
 PA Cosmolab, Inc., USA
 SO PCT Int. Appl., 35 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-025
 ICS A61K007-027
 CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2001097758	A2	20011227	WO 2001-US17643	20010531
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
US 6423324	B1	20020723	US 2000-597474	20000620
PRAI US 2000-597474	A	20000620		

OS MARPAT 136:58539

AB A temp.-stable **cosmetic** compn. including a polyamide resin, a solvent for the polyamide resin, and a **gelling** agent selected from the group consisting of N-acyl amino acid amides, N-acyl amino acid esters, and mixts. thereof, is disclosed. A compn. of the invention can be made translucent or transparent, need not require specialized packaging and containers, is not subject to hardening caused by evapn. of volatile alcs., is temp.-stable over a period of several weeks, and exhibits excellent esthetic and functional properties, including sensory properties, for consumer acceptance. A transparent lipgloss compn. contained Versamid-930 (polyamide resin) 7.00, castor oil 18.00, polybutene 5.00, isoeicosane 38.88, Anjinomot GP-1 (N-acyl **glutamic** acid diamide) 5.00, octyldodecanol 21.00, sorbitan oleate 2.50, Polysorbate-80 2.50, Pr paraben 0.10, and red # 17 0.02%.

ST polyamide resin **cosmetic** lipgloss

IT Amides, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (amino, N-acyl derivs.; temp.-stable polyamide resin-based

cosmetic compns.)

IT Amines, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(diamines; temp.-stable polyamide resin-based **cosmetic** compns.)

IT Carboxylic acids, reactions
RL: RCT (Reactant); RACT (Reactant or reagent)
(dicarboxylic; temp.-stable polyamide resin-based **cosmetic** compns.)

IT Amino acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters, N-acyl derivs.; temp.-stable polyamide resin-based **cosmetic** compns.)

IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters; temp.-stable polyamide resin-based **cosmetic** compns.)

IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty; temp.-stable polyamide resin-based **cosmetic** compns.)

IT Cosmetics
(lipsticks; temp.-stable polyamide resin-based **cosmetic** compns.)

IT Gelation agents
Solvents
Surfactants
(temp.-stable polyamide resin-based **cosmetic** compns.)

IT Castor oil
Hydrocarbons, biological studies
Paraffin oils
Polyamides, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(temp.-stable polyamide resin-based **cosmetic** compns.)

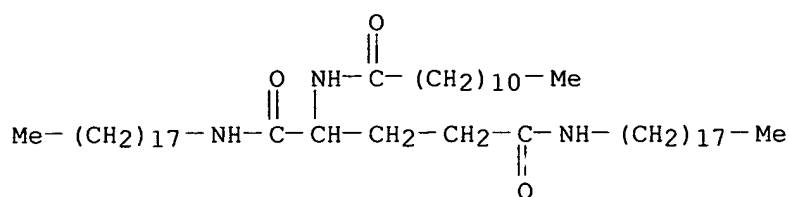
IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(volatile; temp.-stable polyamide resin-based **cosmetic** compns.)

IT 143-28-2, Oleyl alcohol 6283-92-7, Lauryl lactate 9003-28-5,
Polybutene 9005-65-6, Polysorbate 80 12713-08-5, Versamid-930
25683-11-8D, Anjinomoto GP-1, Acyl derivs. 27194-74-7, Propylene glycol
monolaurate 34513-50-3, Octyldodecanol. 37318-79-9, Sorbitan oleate
52845-07-5, Isoeicosane 58997-71-0 69842-33-7
124843-50-1 382595-68-8 382595-69-9
382595-70-2 382595-71-3 382595-72-4
382595-73-5 382595-74-6 382595-75-7
382595-76-8 382595-77-9 382595-78-0
382595-79-1 382595-80-4 382595-81-5
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(temp.-stable polyamide resin-based **cosmetic** compns.)

IT 58997-71-0 69842-33-7 124843-50-1
382595-68-8 382595-69-9 382595-70-2
382595-71-3 382595-72-4 382595-73-5
382595-74-6 382595-75-7 382595-76-8
382595-77-9 382595-78-0 382595-79-1
382595-80-4 382595-81-5
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(temp.-stable polyamide resin-based **cosmetic** compns.)

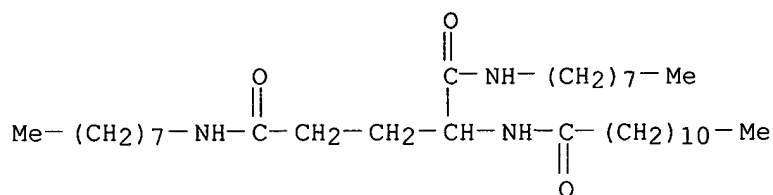
RN 58997-71-0 HCAPLUS

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



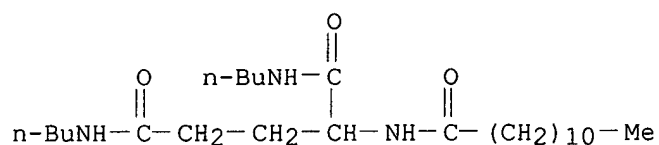
RN 69842-33-7 HCAPLUS

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



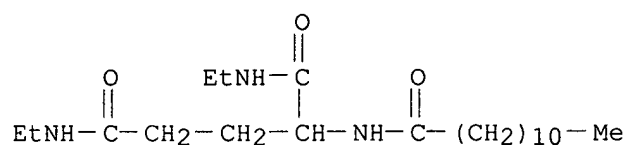
RN 124843-50-1 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



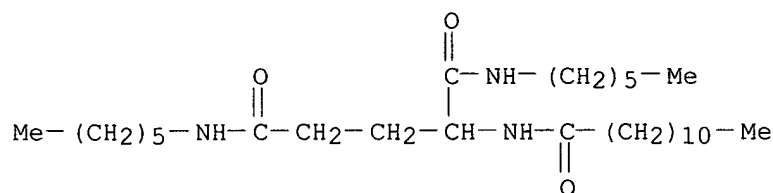
RN 382595-68-8 HCAPLUS

CN Pentanediamide, N,N'-diethyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



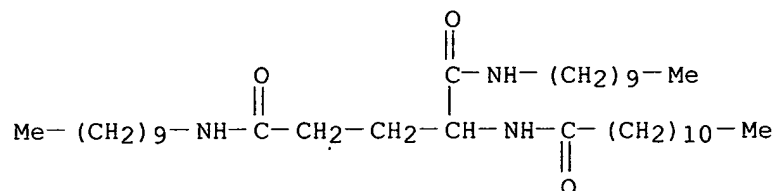
RN 382595-69-9 HCAPLUS

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



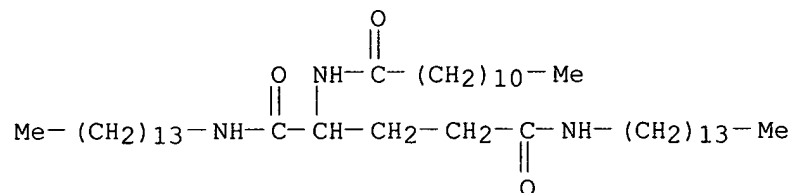
RN 382595-70-2 HCAPLUS

CN Pentanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



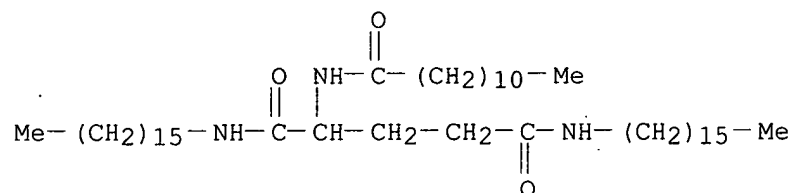
RN 382595-71-3 HCAPLUS

CN Pentanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl- (9CI) (CA INDEX NAME)



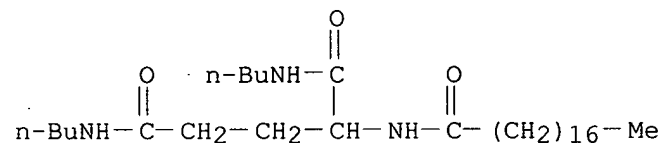
RN 382595-72-4 HCAPLUS

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



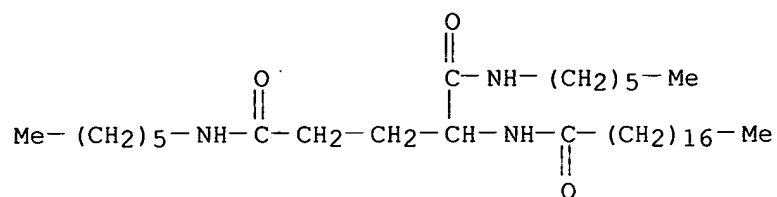
RN 382595-73-5 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



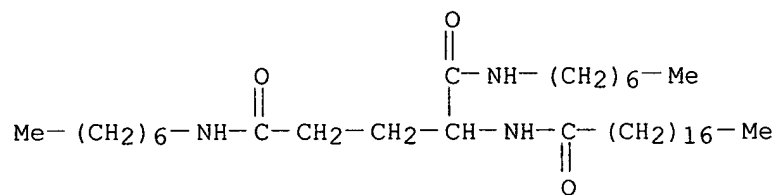
RN 382595-74-6 HCAPLUS

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



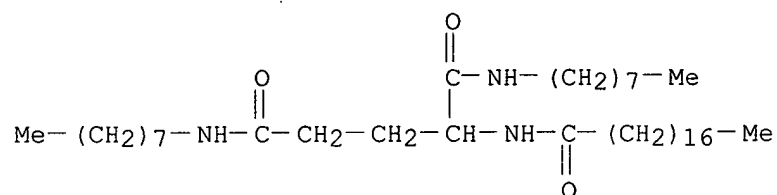
RN 382595-75-7 HCAPLUS

CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



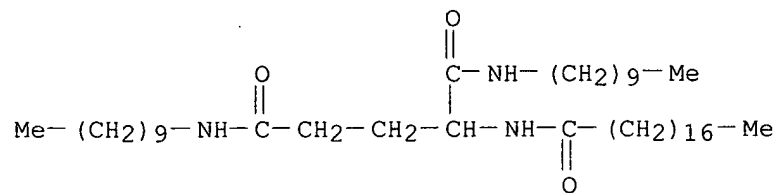
RN 382595-76-8 HCAPLUS

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



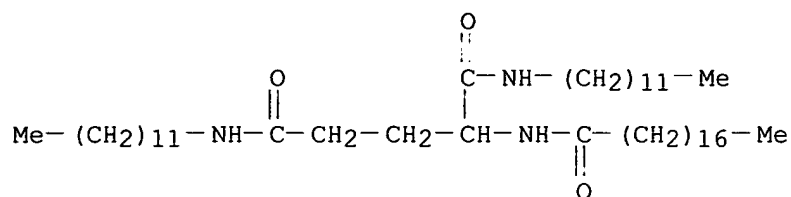
RN 382595-77-9 HCAPLUS

CN Pentanediamide, N,N'-didecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



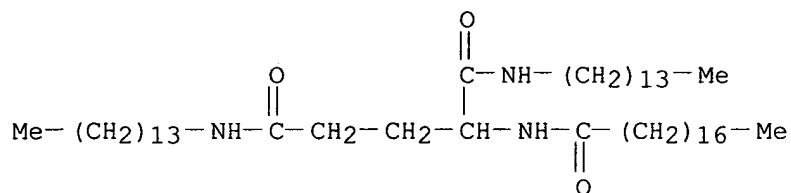
RN 382595-78-0 HCAPLUS

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



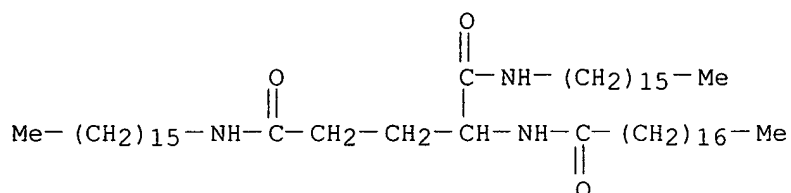
RN 382595-79-1 HCAPLUS

CN Pentanediamide, 2-[(1-oxooctadecyl)amino]-N,N'-ditetradecyl- (9CI) (CA INDEX NAME)



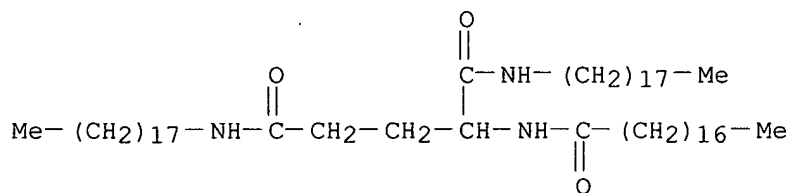
RN 382595-80-4 HCAPLUS

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



RN 382595-81-5 HCAPLUS

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



L52 ANSWER 5 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:297539 HCAPLUS

DN 134:311426

TI Amidation process using boron-compound catalysts for the production of N-acylamino acid amides from amines and N-acylamino acids or salts

IN Hatajima, Toshihiko; Tabohashi, Tatsuru

PA Ajinomoto Co., Inc., Japan

SO Eur. Pat. Appl., 11 pp.

CODEN: EPXXDW

DT Patent

LA English
 IC ICM C07C231-02
 CC 34-2 (Amino Acids, Peptides, and Proteins)
 Section cross-reference(s): 23

FAN.CNT 4

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 1094059	A1	20010425	EP 2000-309200	20001019
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
	JP 2001187769	A2	20010710	JP 2000-315080	20001016
	CN 1294121	A	20010509	CN 2000-131480	20001020
PRAI	JP 1999-297792	A	19991020		
	JP 2000-315080	A	20001016		
OS	CASREACT 134:311426; MARPAT 134:311426				
AB	N-acylamino acid amides (e.g., N-palmitoylglycine dipropylamide) are quickly prepd. in high yield and selectivity from ammonia, primary, or secondary amines (e.g., di-n-propylamine) and N-acylamino acids (e.g., N-palmitoylglycine) or their salts using an amidation reaction conducted under dehydration conditions in the presence of a boron compd. (e.g., boric oxide) as the catalyst and of an alc. (e.g., 1-butanol) as an auxiliary solvent.				
ST	acylamino acid amide prepn; palmitoylglycine dipropylamide prepn; boron amidation catalyst acylamino acid amide prepn				
IT	Alcohols, uses RL: NUU (Other use, unclassified); REM (Removal or disposal); PROC (Process); USES (Uses) (aliph., unsatd., solvents; in an amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)				
IT	Alcohols, uses RL: NUU (Other use, unclassified); REM (Removal or disposal); PROC (Process); USES (Uses) (alkoxy, unsatd., solvents; in an amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)				
IT	Amides, preparation RL: SPN (Synthetic preparation); PREP (Preparation) (amino, N-acylamino acid amides; amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)				
IT	Distillation (azeotropic; in an amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)				
IT	Amidation catalysts (boron compds. for the conversion of amines and N-acylamino acids or salts into N-acylamino acid amides)				
IT	Amidation (of amines and N-acylamino acids or salts into N-acylamino acid amides)				
IT	Cycloalkanols RL: NUU (Other use, unclassified); REM (Removal or disposal); PROC (Process); USES (Uses) (unsatd., solvents; in an amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)				
IT	1303-86-2, Boric oxide, uses 10043-35-3, Orthoboric acid, uses 12228-79-4, Pyroboric acid 13460-50-9, Metaboric acid RL: CAT (Catalyst use); USES (Uses) (amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)				
IT	109-73-9, 1-Aminobutane, reactions 110-89-4, Piperidine, reactions 111-86-4, 1-Aminooctane 124-22-1, 1-Aminododecane 142-84-7,				

Dipropylamine 2441-41-0, N-Palmitoylglycine 3397-65-7, N-Lauroyl-L-glutamic acid 7664-41-7, Ammonia, reactions 14379-64-7, N-Lauroyl-L-phenylalanine 29923-31-7, Amisoft LS-11 45287-42-1, N-Palmitoyl-L-valine

RL: RCT (Reactant); RACT (Reactant or reagent)

(amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)

IT 63663-21-8P 63663-50-3P 335030-55-2P 335030-59-6P 335030-63-2P

RL: SPN (Synthetic preparation); PREP (Preparation)

(amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)

RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD

RE

(1) Ajinomoto, K; JP 61-000050 A 1986 HCAPLUS

(2) Hoechst; EP 0795540 A 1997 HCAPLUS

(3) Hoechst; DE 19533010 A 1997 HCAPLUS

IT 63663-21-8P

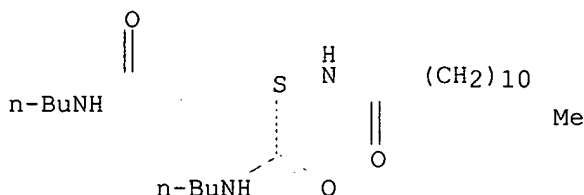
RL: SPN (Synthetic preparation); PREP (Preparation)

(amidation process using boron-compd. catalysts for the prodn. of N-acylamino acid amides from the amines and N-acylamino acids or salts)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 6 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 2000:741866 HCAPLUS

DN 133:313388

TI Antiperspirant structured emulsion compositions

IN Franklin, Kevin Ronald; Kowalski, Adam Jan; Esser, Isabelle Claire Helene Marie; Rowe, Kathryn Elizabeth

PA Unilever P.L.C., UK; Unilever N.V.; Hindustan Lever Ltd.

SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

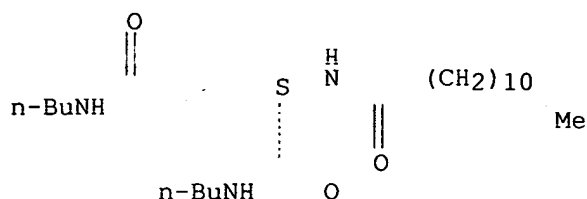
CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061082	A2	20001019	WO 2000-GB1244	20000331
	WO 2000061082	A3	20011011		
W:	AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW:	GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF,				

CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
 US 6287544 B1 20010911 US 2000-547604 20000412
 PRAI GB 1999-8218 A 19990412
 AB An antiperspirant compn. is a structured emulsion of a continuous phase contg. water-immiscible liq. carrier plus a structurant, and a disperse phase which is a soln. of antiperspirant active in water or a mixt. of water and water-sol. solvent. The compn. has at least 1 % light transmittance at 580nm, measured through 1 cm at 22 >C. Preferably the structurant **gels** the continuous phase by forming a network of fibers which extend throughout this phase. A compn. was prepd. contg. Cyclomethicone CD245 18, polydecene 22.75, Finsolv TN 13.3, isostearyl alc. 12, N-lauryl-L-**glutamic** acid dibutylamide 4, cetyl dimethicone copolyol 1, and Zirkonal 50 40 parts by wt.
 ST antiperspirant structured emulsion
 IT **Antiperspirants**
 (antiperspirant structured emulsion compns.)
 IT Polysiloxanes, biological studies
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (antiperspirant structured emulsion compns.)
 IT Glycols, biological studies
 Hydrocarbon oils
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (antiperspirant structured emulsion compns.)
 IT Cyclosiloxanes
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (di-Me; antiperspirant structured emulsion compns.)
 IT Alcohols, biological studies
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (polyhydric; antiperspirant structured emulsion compns.)
 IT 240418-70-6, SF 1555
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (SF 1555; antiperspirant structured emulsion compns.)
 IT 134910-86-4, WA 2Z8106 145686-34-6, Cetyldimethicone copolyol 173762-83-9, Zirkonal 50
 RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
 (antiperspirant structured emulsion compns.)
 IT 56-81-5, Glycerol, biological studies 57-55-6, Propylene glycol, biological studies 5333-42-6, Eutanol G 9003-27-4D, hydrogenated **63663-21-8** 66082-42-6, Lameform TGI 144747-22-8, Dehymuls PGPH 302342-40-1, Fancol 800
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (antiperspirant structured emulsion compns.)
 IT **63663-21-8**
 RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
 (antiperspirant structured emulsion compns.)
 RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 7 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 1999:622169 HCAPLUS

DN 131:248051

TI Antiperspirant compositions containing selected coupling agents

IN Sawin, Philip Andrew; Keune, Pamela Ann

PA The Procter & Gamble Company, USA

SO U.S., 9 pp.

CODEN: USXXAM

DT Patent

LA English

IC ICM A61K007-32

ICS A61K007-34; A61K007-36; A61K007-38; A61K007-00

NCL 424065000

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5958386	A	19990928	US 1998-96258	19980611
	WO 9963962	A1	19991216	WO 1999-IB1027	19990604
	W: AU, BR, CN, JP, MX				
	RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9938435	A1	19991230	AU 1999-38435	19990604
PRAI	US 1998-96258		19980611		
	WO 1999-IB1027		19990604		

AB Disclosed are antiperspirant compns. which comprise (1) 3-40 % of a coupling agent contg. a combination of hexylene glycol and a hydrocarbon oil wherein the wt. ratio of hexylene glycol to hydrocarbon oil is 1:(2-20); (2) 0.5-60 % of an antiperspirant active; (3) 1-15 % of a **gellant** selected from the group consisting of fatty acids, fatty acid esters, fatty acid amides, N-acyl amino acid derivs., and mixts. thereof; and (4) 10-80 % of a volatile liq. carrier. The use of a combination of hexylene glycol and a hydrocarbon oil provides for improved coupling benefits at lower coupler concns., and allows for the formulation of an antiperspirant compn. with good antiperspirant and aesthetic performance. An example antiperspirant contained cyclomethicone D5 35.75, mineral oil 26, hexylene glycol 3.25, 12-hydroxystearic acid 7, N-lauroylglutamic acid dibutylamide 2, Unilin 700 0.5, Al Zr trichlorohydrate gly 24, disodium EDTA 0.5, and perfumes 1 %.

ST antiperspirant hexylene glycol hydrocarbon **gellant** silicone

IT Alkanes, biological studies

Cycloalkanes

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(C11-15; antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)

IT Amino acids, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(N-acyl; antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)

IT **Antiperspirants**

Gelation agents

(antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)

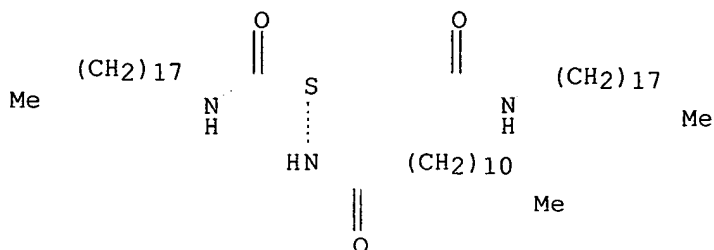
- IT Cyclosiloxanes
Fatty acids, biological studies
Hydrocarbon oils
Isoalkanes
Paraffin oils
Petrolatum
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)
- IT Cyclosiloxanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(di-Me; antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)
- IT Petroleum products
(distillates; antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)
- IT Fatty acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(esters; antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)
- IT Amides, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(fatty; antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)
- IT 106-14-9, 12-Hydroxystearic acid 107-41-5, Hexylene glycol 111-65-9, Octane, biological studies 112-40-3, Dodecane 124-18-5, Decane 141-23-1, Methyl 12-hydroxystearate 7059-49-6, 12-Hydroxystearamide 7354-07-6 9003-27-4D, Polyisobutene, hydrogenated 16169-46-3 16170-20-0 17449-63-7 31807-55-3, Isododecane 36826-83-2, Stearyl 12-hydroxystearate 52845-07-5, Isoeicosane 60908-77-2, Isohexadecane 63663-28-5, N-Lauroyl-**glutamic** acid distearyl amide 63663-44-5, N-Lauroyl-**glutamic** acid dioctyl amide 74784-46-6, N-Lauroyl-**glutamic** acid dibutyl amide 74815-67-1, Ethyl 12-hydroxystearate 89332-54-7 **92484-73-6** 104568-43-6 134375-99-8, Aluminum zirconium trichlorohydrate gly 166527-38-4, Benzyl 12-hydroxystearate 166527-39-5 166527-40-8 166527-41-9 166527-42-0 **166527-43-1** **166527-44-2** **166527-45-3** 173783-56-7 173783-57-8 173783-63-6 173783-64-7 173783-65-8 173783-66-9 173783-67-0 173783-68-1 173783-69-2 173783-70-5
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(antiperspirants contg. hexylene glycol and hydrocarbon oils and **gellants** and volatile silicones)
- RE.CNT 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE
(1) Trinh; US 5540853 1996 HCAPLUS
(2) Trinh; US 5833999 1998 HCAPLUS
(3) Trinh; US 5849310 1998 HCAPLUS
- IT **63663-28-5**, N-Lauroyl-**glutamic** acid distearyl amide
63663-44-5, N-Lauroyl-**glutamic** acid dioctyl amide
92484-73-6 **104568-43-6** **166527-43-1**
166527-44-2 **166527-45-3**
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(antiperspirants contg. hexylene glycol and hydrocarbon oils and

gellants and volatile silicones)

RN 63663-28-5 HCAPLUS

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

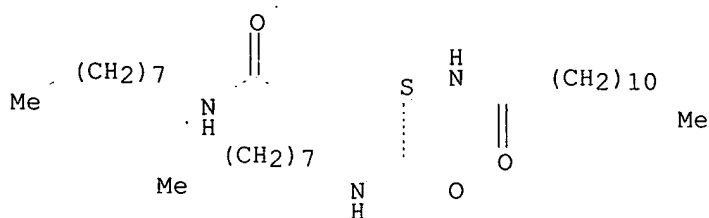
Absolute stereochemistry.



RN 63663-44-5 HCAPLUS

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

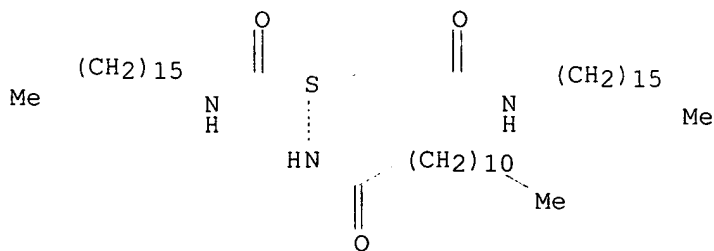
Absolute stereochemistry.



RN 92484-73-6 HCAPLUS

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

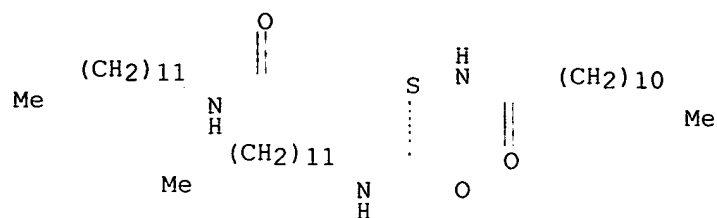
Absolute stereochemistry.



RN 104568-43-6 HCAPLUS

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

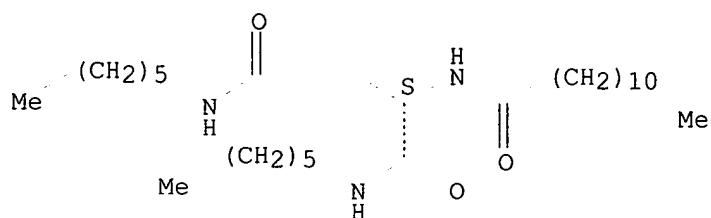
Absolute stereochemistry.



RN 166527-43-1 HCAPLUS

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

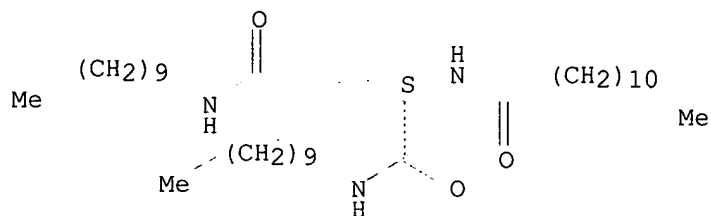
Absolute stereochemistry.



RN 166527-44-2 HCAPLUS

CN Pentanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

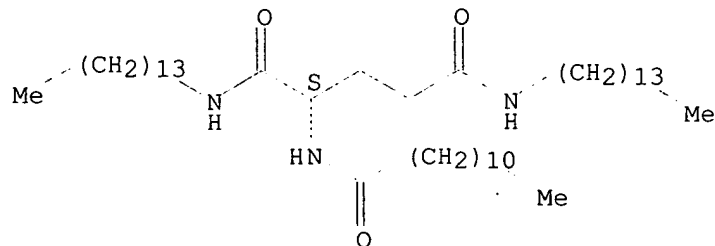
Absolute stereochemistry.



RN 166527-45-3 HCAPLUS

CN Pentanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



DN 124:155669
 TI **Gel stick compositions comprising optically enriched gellants**
 IN Motley, Curtis Bobby
 PA Procter and Gamble Co., USA
 SO PCT Int. Appl., 27 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-32
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9531961	A1	19951130	WO 1995-US6104	19950517
	W: AU, BR, CA, JP, MX, NZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5552136	A	19960903	US 1994-248938	19940525
	CA 2191112	AA	19951130	CA 1995-2191112	19950517
	AU 9525158	A1	19951218	AU 1995-25158	19950517
	BR 9507755	A	19971007	BR 1995-7755	19950517
	EP 804143	A1	19971105	EP 1995-919205	19950517
	EP 804143	B1	20010822		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE				
	AT 204460	E	20010915	AT 1995-919205	19950517
	ES 2161886	T3	20011216	ES 1995-919205	19950517
PRAI	US 1994-248938	A	19940525		
	WO 1995-US6104	W	19950517		

OS MARPAT 124:155669

AB The title compn. relates to antiperspirant **gel** stick compns. comprising: (a) an antiperspirant active; (b) a **gelling** agent comprising: (1) an optically enriched primary **gellant** selected from the group consisting of 12-hydroxystearic acid or its esters and amides and mixts. thereof, and (2) a secondary **gellant** selected from the group consisting of N-acyl amino acid amide derivs. (Markush structure given); (c) a liq. base material having a soly. parameter of 9 or below; wherein the **gel** stick has a hardness of 75 g of force or more. A **cosmetic gel** contained octyldodecanol 14, 12-hydroxystearic acid 7, N-lauroyl **glutamate** dibutylamide 2, Unithox-480 1.25, Unithox-425 0.5, aluminum zirconium trichlorohydrate glycine 26, cyclomethicone D-5 q.s. 100%.

ST **gel** stick **gelling** agent hydroxystearate; amino acid amide deriv **gel** stick

IT Cyclosiloxanes

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**gel** stick compns. comprising optically enriched **gellants**)

IT **Gelation**

(agents, **gel** stick compns. comprising optically enriched **gellants**)

IT Amides, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(amino, acyl derivs.; **gel** stick compns. comprising optically enriched **gellants**)

IT Cyclosiloxanes

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(di-Me, **gel** stick compns. comprising optically enriched **gellants**)

IT **Cosmetics**

(**sticks**, **gels**, **gel** stick compns.)

comprising optically enriched gellants)

IT 106-14-9, 12-Hydroxystearic acid 106-14-9D, 12-Hydroxystearic acid, amides and esters 107-50-6 107-51-7 107-52-8 141-62-8 141-63-9 540-97-6 541-01-5 541-02-6 541-05-9 556-67-2 556-69-4 2652-13-3 31230-04-3, Polyphenylmethyl siloxane 63663-28-5, N-Lauroylglutamic acid distearylamine 63663-44-5, N-Lauroylglutamic acid dioctylamide 74784-46-6, N-Lauroylglutamic acid dibutylamide 134375-99-8, Aluminum zirconium trichlorohydrate glycine 166527-39-5 173783-56-7 173783-57-8 173783-58-9 173783-59-0 173783-60-3 173783-61-4 173783-62-5 173783-63-6 173783-64-7 173783-65-8 173783-66-9 173783-67-0 173783-68-1 173783-69-2 173783-70-5
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

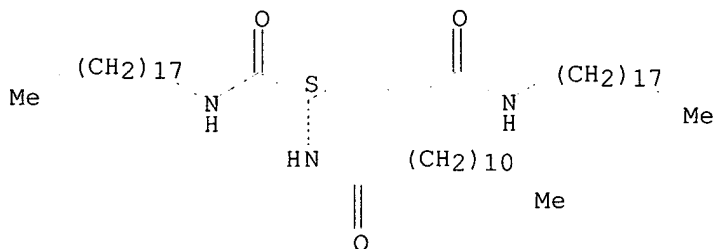
(gel stick compns. comprising optically enriched gellants)

IT 63663-28-5, N-Lauroylglutamic acid distearylamine 63663-44-5, N-Lauroylglutamic acid dioctylamide
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(gel stick compns. comprising optically enriched gellants)

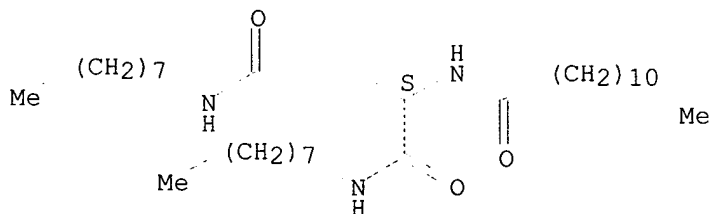
RN 63663-28-5 HCAPLUS
CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 63663-44-5 HCAPLUS
CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 9 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 1996:99420 HCAPLUS

DN 124:155663

TI Cosmetic compositions presented as a gelified oil containing a mixture of 12-hydroxystearic acid or n-lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer

IN Afriat, Isabelle; Fodor, Pierre; Pouget, Francoise
 PA Oreal S. A., Fr.
 SO Eur. Pat. Appl., 7 pp.
 CODEN: EPXXDW

DT Patent

LA French

IC ICM A61K007-48

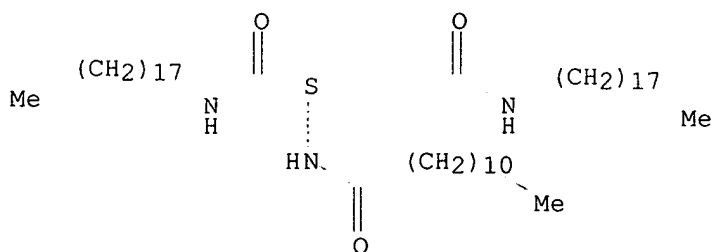
CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 682940	A1	19951122	EP 1995-401130	19950516
	EP 682940	B1	20010110		
	R: AT, BE, CH, DE, ES, FR, GB, IT, LI, NL, SE				
	FR 2719769	A1	19951117	FR 1994-5940	19940516
	FR 2719769	B1	19960719		
	AT 198546	E	20010115	AT 1995-401130	19950516
	ES 2153884	T3	20010316	ES 1995-401130	19950516
PRAI	FR 1994-5940	A	19940516		
OS	MARPAT 124:155663				
AB	The title gelified oils are disclosed. A gelified cosmetic oil contained 12-hydroxystearic acid 0.7, Luvitol HSB (styrene-butadiene hydrogenated copolymer) 8.1, butyl-2-octanol 0.6, isononyl isononaoate 24.4, and Parleam (hydrogenated polyisobutene) q.s. 100g.				
ST	cosmetic gelified oil hydroxystearic acid; lauroylglutamic acid alkylamide cosmetic gelified oil; styrene alkadiene copolymer cosmetic gelified oil				
IT	Antioxidants Hair preparations Sunscreens (cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)				
IT	Ceramides Tocopherols RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)				
IT	Radicals, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (scavengers; cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)				
IT	Gelation (agents, cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)				
IT	Alcohols, biological studies RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses) (fatty, ethoxylated, C12-18; cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)				
IT	Cosmetics Sunscreens (gels, cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)				

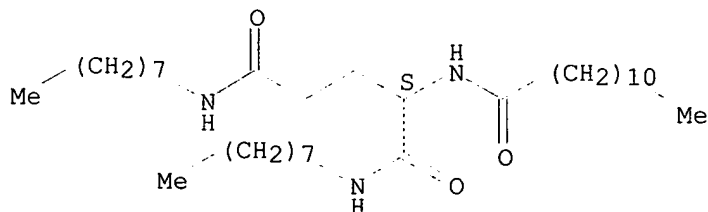
- IT **Cosmetics**
(makeups, cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)
- IT **Cosmetics**
(nail conditioners, cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)
- IT 50-81-7D, Ascorbic acid, esters 106-14-9, 12-Hydroxystearic acid 3397-65-7D, n-Lauroylglutamic acid, dialkylamides 9003-55-8D, hydrogenated 59274-86-1, Pentanoic acid, 5-(dibutylamino)-5-oxo-4-[(1-oxododecyl)amino]-(S)- 63663-28-5, N-Lauroylglutamic acid di-stearylamine 63663-44-5, N-Lauroylglutamic acid di-octylamide 173350-18-0 173432-11-6, Luvitol HSB
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)
- IT 63663-28-5, N-Lauroylglutamic acid di-stearylamine 63663-44-5, N-Lauroylglutamic acid di-octylamide
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(cosmetic compns. contg. hydroxystearic acid or lauroylglutamic acid dialkylamide and a hydrogenated styrene-alkadiene copolymer)
- RN 63663-28-5 HCAPLUS
- CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



- RN 63663-44-5 HCAPLUS
- CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



TI Antiperspirant **gel** compositions comprising chelators
 IN Motley, Curtis Bobby; Bradbury, Barton James
 PA Procter and Gamble Co., USA
 SO PCT Int. Appl., 27 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-32

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9530405	A1	19951116	WO 1995-US4826	19950425
	W: AU, BR, CA, FI, JP, MX, NO, NZ				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	US 5516511	A	19960514	US 1994-239081	19940506
	CA 2189564	AA	19951116	CA 1995-2189564	19950425
	AU 9523900	A1	19951129	AU 1995-23900	19950425
	AU 708128	B2	19990729		
	EP 758224	A1	19970219	EP 1995-917069	19950425
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, LU, NL, PT, SE				
	BR 9507715	A	19970923	BR 1995-7715	19950425
	JP 10500405	T2	19980113	JP 1995-528976	19950425
	JP 3112946	B2	20001127		
PRAI	US 1994-239081	A	19940506		
	WO 1995-US4826	W	19950425		

OS MARPAT 124:126888

AB An antiperspirant **gel** stick compn. comprises (a) an antiperspirant active, (b) 12-hydroxystearic acid derivs. as a primary **gellant** and n-acyl amino acid amide derivs. as a secondary **gellant**, (c) a chelator capable of complexing with the active, and (d) a liq. base material. The antiperspirant **gels** are prepd. by (a) pre-mixing a chelator with an antiperspirant active in a substantially water-free environment and (b) adding a **gelling** agent and a liq. base material to the product of step (a) in a substantially water-free environment. An antiperspirant stick contained octyldodecanol 14, 12-hydroxystearic acid 7, N-lauroyl **glutamate** dibutylamide 2, Unithox-480 1.25, Unithox-425 0.5, EDTA 1, Al Zr trichlorohydrate Gly 26, and cyclomethicone to 100%.

ST antiperspirant stick hydroxystearate amide **gellant** chelator

IT Chelating agents

(antiperspirant sticks contg. **gellants** and chelators)

IT Amides, biological studies

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

((acylamino), antiperspirant sticks contg. **gellants** and chelators)

IT **Gelation**

(agents, hydroxystearates and (acylamino)amides; antiperspirant sticks contg. **gellants** and chelators)

IT **Antiperspirants**

(sticks, **gels**, antiperspirant sticks contg. **gellants** and chelators)

IT 50-21-5, Lactic acid, biological studies 56-40-6, Glycine, biological studies 60-00-4, EDTA, biological studies 66-71-7, 1,10-Phenanthroline 68-11-1, Thioglycolic acid, biological studies 69-72-7, Salicylic acid, biological studies 77-92-9, Citric acid, biological studies 84-88-8, 8-Hydroxyquinoline-5-sulfonic acid 87-69-4, Tartaric acid, biological studies 97-05-2, 5-Sulfosalicylic acid 110-15-6, Succinic acid, biological studies 110-86-1, Pyridine, biological studies 112-24-3, Triethylenetetramine 123-54-6, Acetylacetone, biological studies 139-13-9, Nitrilotriacetic acid 144-62-7, Oxalic acid, biological studies 148-24-3, 8-Quinolinol, biological studies 149-46-2,

4,5-Dihydroxybenzene-1,3-disulfonic acid 326-91-0, 1,1,1-Trifluoro-3-(2-thenoyl)acetone 482-54-2 499-83-2, Pyridine-2,6-dicarboxylic acid 1611-35-4, Xylenol orange 4431-00-9, Aurintricarboxylic acid 39643-08-8 **63663-21-8** 166527-39-5 173319-64-7 173319-65-8 173319-66-9 173319-67-0

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(antiperspirant sticks contg. **gellants** and chelators)

IT 106-14-9, 12-Hydroxystearic acid 173319-63-6

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(**gellant**; antiperspirant sticks contg. **gellants** and chelators)

IT **63663-21-8**

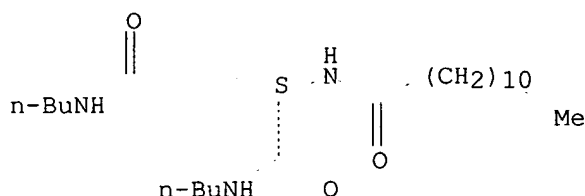
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(antiperspirant sticks contg. **gellants** and chelators)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 11 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 1995:731899 HCAPLUS

DN 123:122768

TI Antiperspirant **gel** stick compositions

IN Hofrichter, Brian D.; Gardlik, John M.; Sawin, Philip A.; Luebbe, John P.; Bradbury, Barton J.

PA Procter and Gamble, USA

SO U.S., 14 pp. Cont.-in-part of U.S. Ser. No. 881,934, abandoned.

CODEN: USXXAM

DT Patent

LA English

IC ICM A61K007-32

ICS A61K007-34; A61K007-38

NCL 424066000

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5429816	A	19950704	US 1993-85424	19930630
	AT 135198	E	19960315	AT 1993-910793	19930426
	ES 2084496	T3	19960501	ES 1993-910793	19930426
	HU 73056	A2	19960628	HU 1994-3251	19930426
	CA 2135386	C	19980818	CA 1993-2135386	19930426
	US 5591424	A	19970107	US 1995-481780	19950607
	US 5650144	A	19970722	US 1995-481784	19950607
PRAI	US 1992-881934	B2	19920512		
	US 1993-85424	A1	19930630		

OS MARPAT 123:122768

AB An antiperspirant **gel** stick compn. comprises (1) 0.5-60% of an antiperspirant active, (2) 1-15% of a **gelling** agent, including a

primary **gellant** selected from the group consisting of 12-hydroxystearic acid, esters and amides thereof and a secondary **gellant** selected from the group consisting of N-acyl amino acid amide derivs., and (3) 10-95% of a liq. base, including a nonpolar, volatile oil and a relatively polar, nonvolatile cosolvent. The combination of the **gelling** agent and the cosolvent permits the utilization of relatively high levels of a nonpolar volatile oils which provide a dry feel. For example, a compn. contained N-lauroyl-L-glutamic acid di-Bu amide 5, 12-hydroxystearic acid 5, cyclomethicone D5 40, Panalane L14E 15, diisopropyl myristate 15, and Al Zr trichlorohydrate Gly 20%.

- ST antiperspirant stick hydroxystearate **glutamate gellant**
- IT Cyclosiloxanes
Siloxanes and Silicones, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(solvent for antiperspirant **gel** stick compns.)
- IT Fatty acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(C12-26, solvent for antiperspirant **gel** stick compns.)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(C16-18, ethoxylated, solvent for antiperspirant **gel** stick compns.)
- IT Fatty acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(C8-10, esters with propylene glycol, solvent for antiperspirant **gel** stick compns.)
- IT Cyclosiloxanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(di-Me, solvent for antiperspirant **gel** stick compns.)
- IT Carboxylic acids, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(esters, with C10-30 alcs.; solvent for antiperspirant **gel** stick compns.)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(ethoxylated propoxylated, solvent for antiperspirant **gel** stick compns.)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(fatty, C12-26; solvent for antiperspirant **gel** stick compns.)
- IT **Antiperspirants**
(sticks, **gellant** for antiperspirant **gel** stick compns.)
- IT 1327-41-9, Aluminum chlorohydrate 134375-99-8, Aluminum zirconium trichlorohydrate Gly
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(antiperspirant **gel** stick compns.)
- IT 106-14-9, 12-Hydroxystearic acid 141-23-1, Methyl 12-Hydroxystearate 7059-49-6, 12-Hydroxystearamide 7354-07-6 16169-46-3 16170-20-0 17449-63-7, 12-Hydroxystearic acid N-cyclohexyl amide 36826-83-2, Stearyl 12-Hydroxystearate 63663-21-8 63663-28-5, N-Lauroyl **glutamic** acid distearyl amide 63663-44-5, N-Lauroyl **glutamic** acid dioctyl amide 74815-67-1 89332-54-7

91599-19-8 92484-73-6 104568-43-6

104568-44-7 152104-30-8 152368-88-2

166527-38-4 166527-39-5 166527-40-8 166527-41-9 166527-42-0

166527-43-1 166527-44-2 166527-45-3

166527-46-4 166527-47-5 166527-48-6

166527-49-7 166527-50-0 166527-51-1

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(gellant for antiperspirant gel stick compns.)

IT 110-27-0, Isopropyl myristate 2116-84-9, Dow corning 556 7491-02-3,
 Diisopropyl sebacate 9003-13-8 9003-27-4, Polyisobutene 9035-85-2
 27458-93-1, Isostearyl alcohol 34513-50-3, Octyldodecanol 36311-34-9,
 Isocetyl alcohol 63793-60-2 74565-11-0, Finsolv TN

RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(solvent for antiperspirant gel stick compns.)

IT 63663-21-8 63663-28-5, N-Lauroyl glutamic acid
 distearyl amide 63663-44-5, N-Lauroyl glutamic acid
 dioctyl amide 91599-19-8 92484-73-6
 104568-43-6 104568-44-7 152104-30-8
 152368-88-2 166527-43-1 166527-44-2
 166527-45-3 166527-46-4 166527-47-5
 166527-48-6 166527-49-7 166527-50-0
 166527-51-1

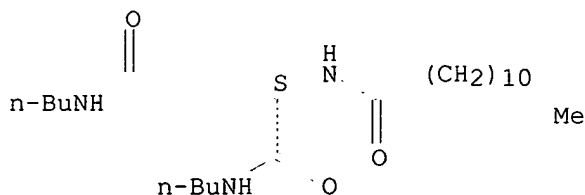
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)

(gellant for antiperspirant gel stick compns.)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

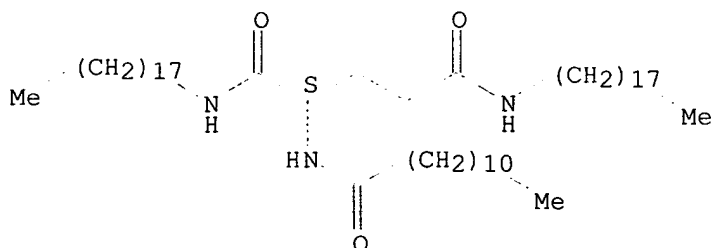
Absolute stereochemistry.



RN 63663-28-5 HCAPLUS

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

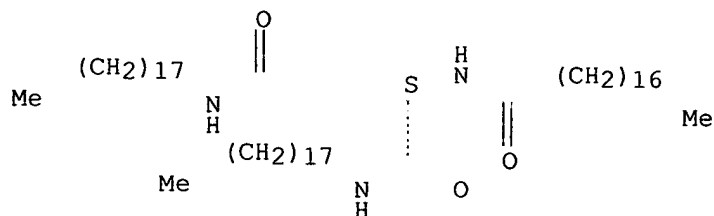
Absolute stereochemistry.



RN 63663-44-5 HCAPLUS

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

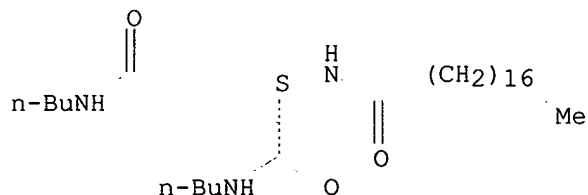
Absolute stereochemistry.



RN 152104-30-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

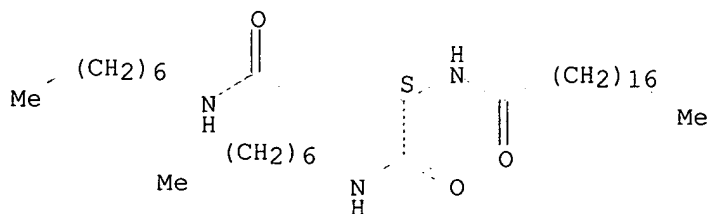
Absolute stereochemistry.



RN 152368-88-2 HCAPLUS

CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

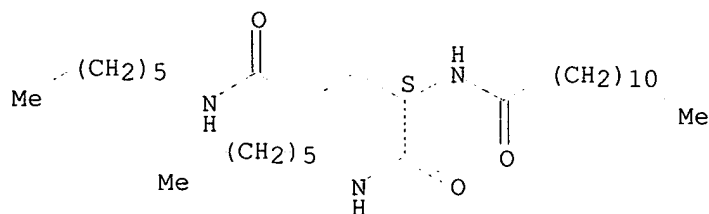
Absolute stereochemistry.



RN 166527-43-1 HCAPLUS

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

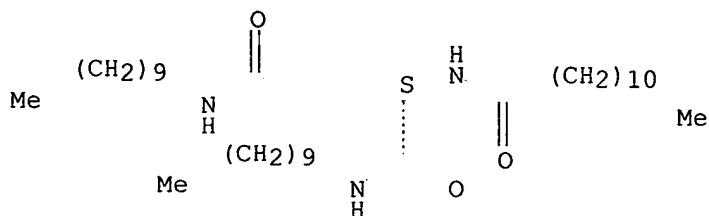
Absolute stereochemistry.



RN 166527-44-2 HCAPLUS

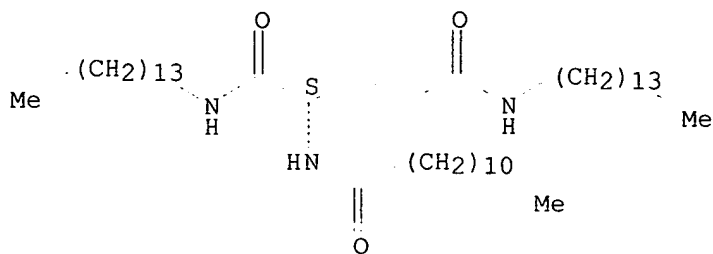
CN Pentanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



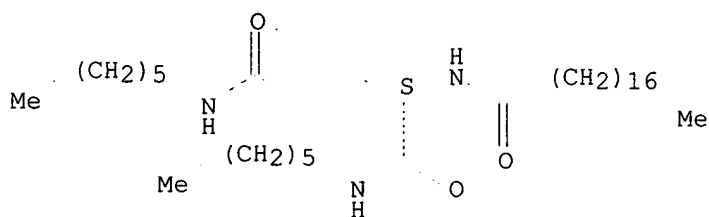
RN 166527-45-3 HCAPLUS
 CN Pentanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl-, (2S)-(9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



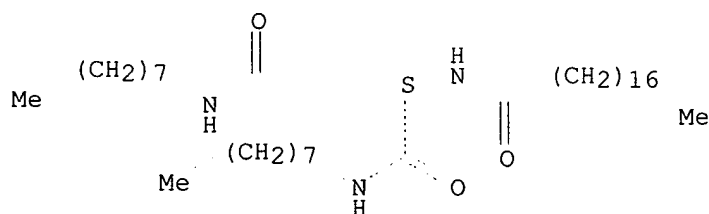
RN 166527-46-4 HCAPLUS
 CN Pentanediamide, N,N'-dihexyl-2-[(1-oxooctadecyl)amino]-, (S)-(9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



RN 166527-47-5 HCAPLUS
 CN Pentanediamide, N,N'-dioctyl-2-[(1-oxooctadecyl)amino]-, (S)-(9CI) (CA
 INDEX NAME)

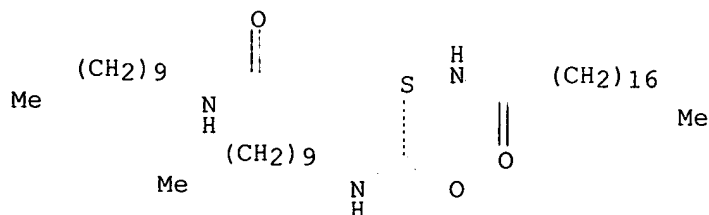
Absolute stereochemistry.



RN 166527-48-6 HCAPLUS

CN Pentanediamide, N,N'-didecyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

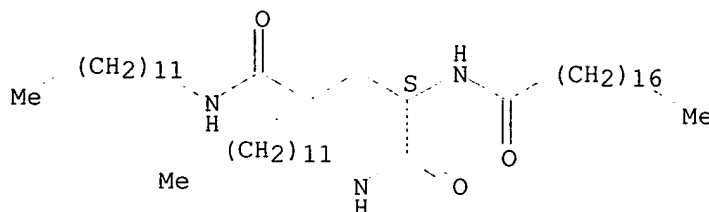
Absolute stereochemistry.



RN 166527-49-7 HCAPLUS

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

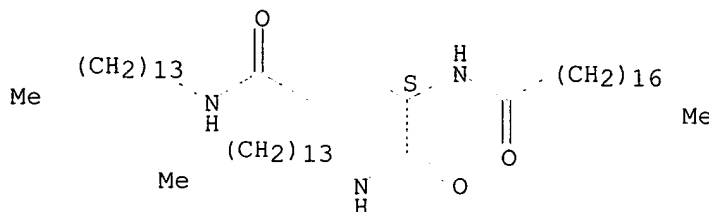
Absolute stereochemistry.



RN 166527-50-0 HCAPLUS

CN Pentanediamide, 2-[(1-oxooctadecyl)amino]-N,N'-ditetradecyl-, (S)- (9CI) (CA INDEX NAME)

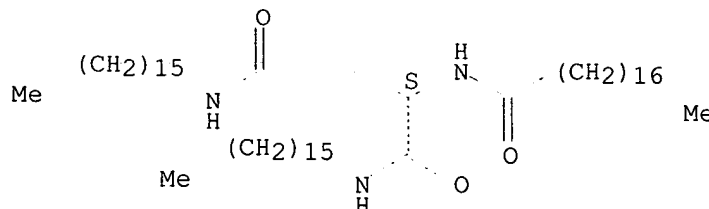
Absolute stereochemistry.



RN 166527-51-1 HCAPLUS

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 12 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 1994:61945 HCAPLUS

DN 120:61945

TI Antiperspirant **gel** stick composition containing acyl amino acid amides

IN Hofrichter, Brian David; Gardlik, John Michael

PA Procter and Gamble Co., USA

SO PCT Int. Appl., 28 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-32

ICS A61K007-48

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 9323008	A1	19931125	WO 1993-US3887	19930426
	W: AU, BB, BG, BR, CA, CZ, FI, HU, JP, KP, KR, KZ, LK, MG, MN, MW, NO, NZ, PL, RO, RU, SD, SK, UA, VN				
	RW: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
	AU 9341162	A1	19931213	AU 1993-41162	19930426
	AU 673672	B2	19961121		
	EP 639968	A1	19950301	EP 1993-910793	19930426
	EP 639968	B1	19960313		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LI, NL, PT, SE				
	JP 07506833	T2	19950727	JP 1993-520242	19930426
	JP 3188463	B2	20010716		
	AT 135198	E	19960315	AT 1993-910793	19930426
	ES 2084496	T3	19960501	ES 1993-910793	19930426
	HU 73056	A2	19960628	HU 1994-3251	19930426
	BR 9306360	A	19980630	BR 1993-6360	19930426
	CA 2135386	C	19980818	CA 1993-2135386	19930426
PRAI	US 1992-881934	A	19920512		
	WO 1993-US3887	A	19930426		

OS MARPAT 120:61945

AB Antiperspirant **gel** stick compns. are made from a n-acyl amino acid amides, a liq. base material, and an antiperspirant. The above combination provides **gel** stick antiperspirant compns. having excellent efficacy, stability, low residue, low skin irritation and esthetic characteristics. An antiperspirant **gel** stick contained N-lauroyl-L-glutamic acid dibutylamide 8, light mineral oil 15, Finsolv TN 62, and trichlorohydrin glycine 15%.

ST antiperspirant **gel** stick amino acid amide; lauroyl glutamate butylamide antiperspirant antiperspirant stick

IT Gelation

(agents, acyl amino acid amides as, antiperspirant **gel** stick contg.)

IT Amides, biological studies

RL: BIOL (Biological study)

(amino, antiperspirant **gel** stick contg.)

IT Antiperspirants

(sticks, **gels**, acyl amino acid amides in, as **gelling** agents)

IT 106-14-9, 12-Hydroxystearic acid 134375-99-8, Aluminum zirconium trichlorohydrin glycine

RL: BIOL (Biological study)

(antiperspirant **gel** stick contg. acyl amino acid amides and)

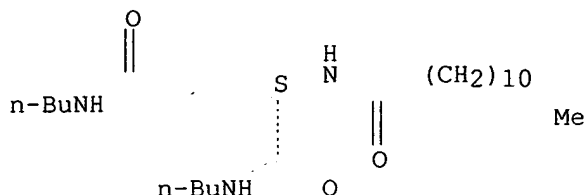
IT 63663-21-8 152368-88-2

RL: BIOL (Biological study)

(as **gelling** agent, antiperspirant **gel** stick contg.)

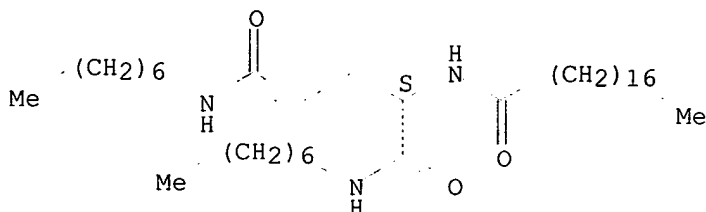
IT 63663-21-8 152368-88-2
 RL: BIOL (Biological study)
 (as **gelling** agent, antiperspirant **gel** stick contg.)
 RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 152368-88-2 HCAPLUS
 CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 13 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 1993:175522 HCAPLUS
 DN 118:175522
 TI Manufacture of stable and transparent oily **cosmetics**
 IN Emori, Shoichi
 PA Seiken Kagaku K. K., Japan
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM C09K003-00
 ICS A61L009-01; C11B009-00
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

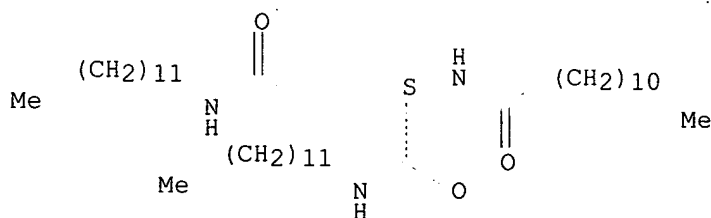
	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 04348182	A2	19921203	JP 1991-96084	19910403
PRAI	JP 1991-96084		19910403		

AB An oily **gel** which is transparent and stable at high temp. contains (1) amino acid **gelation** agents 0.3-10, (2) fatty acid aluminum salt **gelation** agents 0.3-10, and (3) .gtoreq. 1 compd. selected from volatile paraffin hydrocarbon, volatile terpene hydrocarbon, and perfume to 100 % by wt. Thus, isoparaffin 95, N.alpha.,N.omega.-dicaproyllysine lauryl ester 2, and Al stearate 3 % by wt. were used for manufg. a **gel**.

ST **gelation** agent **cosmetic** hydrocarbon
 IT Hydrocarbons, biological studies
 RL: BIOL (Biological study)

(cosmetic gel manuf. with)
 IT **Gelation**
 (agents, cosmetic gel manuf. with)
 IT **Cosmetics**
 (gels, gelation agents and hydrocarbons for)
 IT Alkanes, biological studies
 RL: BIOL (Biological study)
 (iso-, cosmetic gel manuf. with)
 IT 138-86-3, Limonene 555-35-1, Aluminum palmitate 637-12-7, Aluminum stearate 3002-63-9 4040-50-0, Aluminum myristate 6028-57-5 55258-23-6 74784-46-6, N-Lauroylglutamic acid dibutylamide 104568-43-6
 RL: BIOL (Biological study)
 (cosmetic gel manuf. with)
 IT 104568-43-6
 RL: BIOL (Biological study)
 (cosmetic gel manuf. with)
 RN 104568-43-6 HCAPLUS
 CN Pentanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

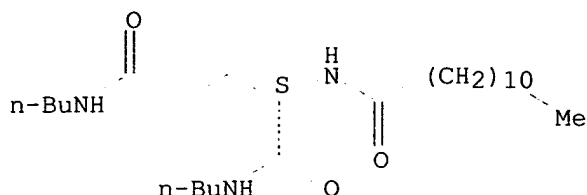
Absolute stereochemistry.



L52 ANSWER 14 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 1992:424825 HCAPLUS
 DN 117:24825
 TI Technology and use of acyl amino acid derivatives.
 AU Yamashita, Takashi
 CS Ajinomoto K. K., Japan
 SO Yushi (1992), 45(5), 52-61
 CODEN: YUSHB8; ISSN: 0912-5396
 DT Journal; General Review
 LA Japanese
 CC 17-0 (Food and Feed Chemistry)
 AB A review with 39 refs. on the use of acyl amino acid derivs. (esp. N-laurylglutamic acid dibutylamide [GP-1]) as **gelling** agents for oils, the conditions and mechanism of the **gelling**, and the **gel** strength and transparency of the **gelled** oil.
 ST review **gelling** oil acyl amino acid
 IT Thickening agents
 (acyl amino acids, for oils)
 IT Fats and Glyceridic oils
 RL: PROC (Process)
 (gelling of, with acyl amino acids)
 IT **Gels**
 (of oils with acyl amino acids)
 IT Amino acids, uses
 RL: USES (Uses)
 (acyl, **gelling** agents, for oils)
 IT 63663-21-8
 RL: BIOL (Biological study)

(gelling agent, for oils)
 IT 63663-21-8
 RL: BIOL (Biological study)
 (gelling agent, for oils)
 RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 15 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 1992:221354 HCAPLUS
 DN 116:221354
 TI Manufacture of capsules containing an aqueous solution
 IN Ogino, Keizo; Abe, Masahiko
 PA Ajinomoto Co., Inc., Japan
 SO Jpn. Kokai Tokkyo Koho, 5 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM B01J013-14
 ICA C09K003-00
 CC 62-5 (Essential Oils and Cosmetics)
 Section cross-reference(s): 63

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 03262527	A2	19911122	JP 1990-62110	19900313
PRAI	JP 1990-62110		19900313		

OS MARPAT 116:221354

AB Capsules are prepd. by encapsulating an aq. medium or a lower alc. with an amino acid oil **gelation** agent consisting of a lower alc., an org. solvent, and R₃NHOC(CH₂)_nCH(NHCOR₁)C(=O)NHR₂ (COR₁=C₈-18 acyl; R₂, R₃=C₄-8 alkyl; n=1,2). This is a method to encapsulate an aq. soln. with little contamination. Thus, water droplets were added to a **gelation** soln. consisting of N-lauroyl-L-glutamic acid-.alpha.,.gamma.-dibutylamide/alc. soln. to give water-contg. capsules.

ST capsule amino acid **gelation** agent; alc capsule **gelation** agent

IT Solvents

(**gelation** agents contg. amino acids and alcs. and, in capsule manuf.)

IT Alcohols, biological studies

RL: BIOL (Biological study)

(**gelation** agents contg. amino acids and org. solvents and)

IT Amino acids, uses

RL: USES (Uses)

(**gelation** agents, for encapsulation of water and alcs.)

IT **Gelation**

(agents, amino acid oils as, in capsule manuf.)

IT 112-40-3, Dodecane

RL: BIOL (Biological study)

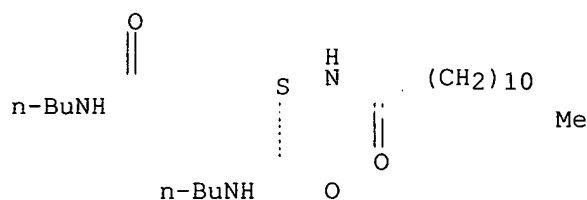
(Pcapsule manuf. with **gelation** agent and)
 IT 124-18-5, Decane 629-59-4, Tetradecane 25377-83-7, Octene 64-17-5,
 Ethanol, uses 67-56-1, Methanol, uses 71-23-8, Propanol, uses
 110-82-7, Cyclohexane, uses 111-65-9, Octane, uses
 RL: BIOL (Biological study)
 (capsule manuf. with **gelation** agent and)
 IT 141197-40-2
 RL: BIOL (Biological study)
 (**gelation** agent, for encapsulation of water and alcs.)
 IT 141197-40-2
 RL: BIOL (Biological study)
 (**gelation** agent, for encapsulation of water and alcs.)
 RN 141197-40-2 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (S)-, compd. with
 ethanol (1:1) (9CI) (CA INDEX NAME)

CM 1

CRN 63663-21-8

CMF C25 H49 N3 O3

Absolute stereochemistry.



CM 2

CRN 64-17-5

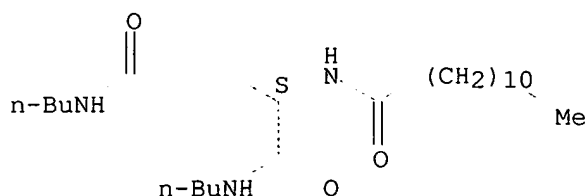
CMF C2 H6 O

H₃C-CH₂-OH

L52 ANSWER 16 OF 20 HCAPLUS COPYRIGHT 2003 ACS
 AN 1988:23723 HCAPLUS
 DN 108:23723
 TI Oil **gelation** agents from amino acids
 AU Honma, Masao
 CS Ajinomoto K. K., Japan
 SO Gendai Kagaku (1987), 197, 54-9
 CODEN: GNKGAN; ISSN: 0386-961X
 DT Journal; General Review
 LA Japanese
 CC 46-0 (Surface Active Agents and Detergents)
 Section cross-reference(s): 62
 AB A review with no refs. on oil **gelation** agents prepd. from amino
 acids (such as N-lauroylglutamic acid dibutylamide) and their
 uses. Types of amino acid-based **gelation** agents, their
 structure, and the mechanism of **gelation** are reviewed. Other
 types of **gelation** agents are discussed briefly.
 ST **gelation** agent amino acid review; structure amino acid
gelation review; mechanism **gelation** amino acid review;
 oil **gelation** amino acid review

IT Amino acids, uses and miscellaneous
 RL: USES (Uses)
 (gelation agents, for oils)
 IT Oils
 RL: USES (Uses)
 (gelation of, amino acid derivs. as agents for)
 IT Gelation
 (of oils, amino acid derivs. as agents in)
 IT 63663-21-8
 RL: USES (Uses)
 (gelation agents, for oils)
 IT 63663-21-8
 RL: USES (Uses)
 (gelation agents, for oils)
 RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 17 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 1986:553544 HCAPLUS

DN 105:153544

TI N-Acylamino acid amides

IN Ikeda, Toru; Higuchi, Shinji; Hashimoto, Katsutoshi; Honma, Masao

PA Ajinomoto Co., Inc., Japan

SO Jpn. Kokai Tokkyo Koho, 8 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC ICM C07C103-50

ICS C07C103-68

ICA C07C102-04

CC 34-2 (Amino Acids, Peptides, and Proteins)

Section cross-reference(s): 45, 46

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61000050	A2	19860106	JP 1984-29160	19840217
	JP 03053297	B4	19910814		
PRAI	JP 1984-29160		19840217		

AB Heating N-acylamino acids with primary amines or NH₃, in the presence of water-sol. acidic B compds. gave N-acylamino acid amides, useful as oil-sol. nonionic surfactants and oil coagulants (no data). The method can be used at an industrial scale. Thus, toluene soln. of N-lauroyl-L-glutamic acid, BuNH₂, and H₃BO₃ was refluxed 24 h to give 98% N-lauroyl-L-glutamic acid bis(n-butylamide).

ST acylamino acid amide; amino acid amide; boron catalyst acid amide prepn; surfactant acylamino acid amide; condensation amine acylamino acid

IT Surfactants

(nonionic, N-acylamino acid amides)

IT 98-80-6 109-63-7 1303-86-2, uses and miscellaneous 10043-35-3, uses and miscellaneous 13460-50-9 51845-86-4

RL: CAT (Catalyst use); USES (Uses)

(catalysts, for condensation reaction of N-acylamino acids and primary amines)

IT 1116-10-5 3397-16-8 3397-65-7 6094-36-6 53576-52-6 55258-30-5

RL: RCT (Reactant); RACT (Reactant or reagent)

(condensation reaction of, with primary amines in presence of boron compds.)

IT 5699-79-6 14379-54-5 16417-38-2 19213-75-3 31462-07-4 37571-95-2
52558-74-4

RL: RCT (Reactant); RACT (Reactant or reagent)

(condensation reaction of, with primary amines, in the presence of boron compds.)

IT 62-53-3, reactions 75-04-7, reactions 100-46-9, reactions 104-75-6
107-10-8, reactions 108-91-8, reactions 109-73-9, reactions 111-86-4
124-22-1 124-30-1 7664-41-7, reactions

RL: RCT (Reactant); RACT (Reactant or reagent)

(condensation reaction of, with N-acylamino acids, in the presence of boron compds.)

IT 2643-65-4DP, N-fatty acid-acylated 3057-79-2P **63663-21-8P**
104568-43-6P 104568-44-7P 104568-45-8P 104568-46-9P
104568-47-0P 104568-48-1P 104568-49-2P
104568-50-5P 104568-51-6P 104568-52-7P 104568-53-8P 104568-54-9P

RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)

IT **63663-21-8P 104568-43-6P 104568-44-7P**
104568-47-0P 104568-48-1P 104568-49-2P

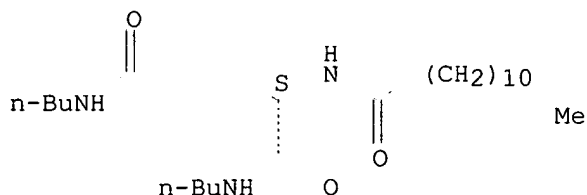
RL: SPN (Synthetic preparation); PREP (Preparation)

(prepn. of)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

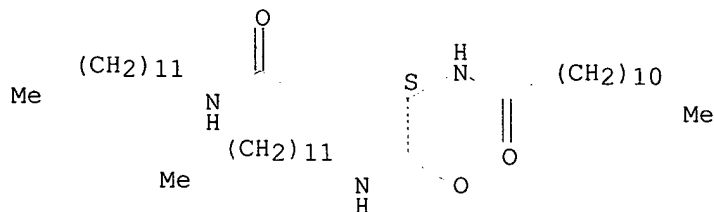
Absolute stereochemistry.



RN 104568-43-6 HCAPLUS

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

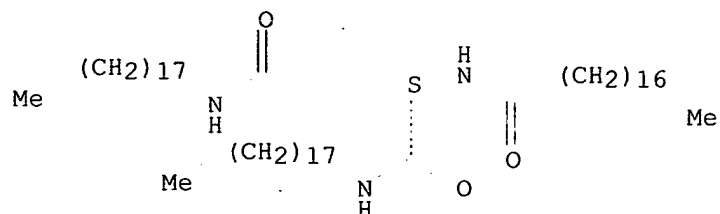
Absolute stereochemistry.



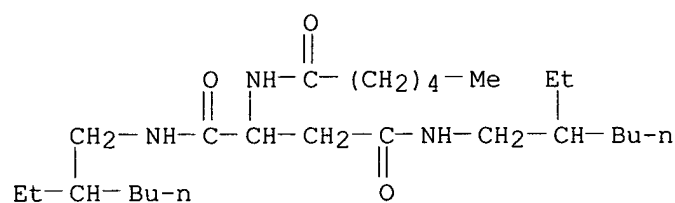
RN 104568-44-7 HCAPLUS

CN Pentanediamide, N,N'-di-octadecyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

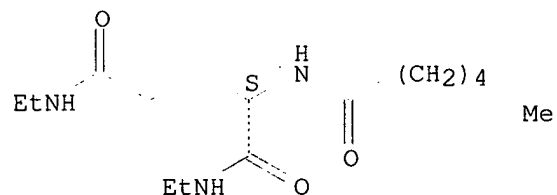


RN 104568-47-0 HCAPLUS
CN Butanediamide, N,N'-bis(2-ethylhexyl)-2-[(1-oxohexyl)amino]- (9CI) (CA INDEX NAME)



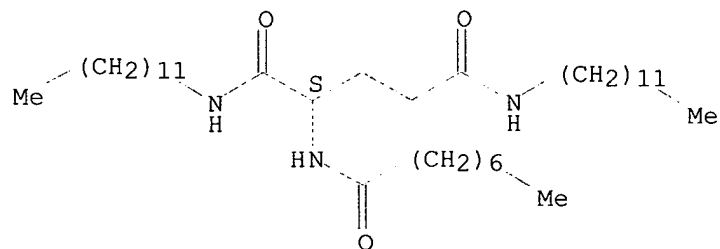
RN 104568-48-1 HCAPLUS
CN Pentanediamide, N,N'-diethyl-2-[(1-oxohexyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 104568-49-2 HCAPLUS
CN Pentanediamide, N,N'-didodecyl-2-[(1-oxooctyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 18 OF 20 HCAPLUS COPYRIGHT 2003 ACS
AN 1983:217370 HCAPLUS
DN 98:217370
TI Water-in-oil emulsion inks

PA Sakura Color Products Corp., Japan; Ajinomoto Co., Inc.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC C09D011-02

CC 42-12 (Coatings, Inks, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 57202360	A2	19821211	JP 1981-86761	19810608
	JP 01028785	B4	19890605		
PRAI	JP 1981-86761		19810608		

AB Water-in-oil emulsion inks having good storage stability contain amides, esters, and amine salts of amino acids. Thus, a compn. of a paraffin oil 3.4, isopropoxytristearatotitanium 0.3, and TiO₂ 11.4 parts was rolled, mixed with 6.5 parts Nonion OP 80R and a soln. of 0.4 part N-lauroyl **glutamic** acid dibutylamide [63663-21-8] in 12.3 parts paraffin oil, heated to 110.degree., and stirred with a mixt. of ethylene glycol 9, a preservative 0.3, and H₂O 56.4 parts at 97.degree. to give an ink with stability at 50.degree. .gtoreq.2 mo.

ST water in oil emulsion ink; **glutamamide** deriv emulsion stabilizer

IT Stabilizing agents

(acylamino acid derivs., for water-in-oil emulsion inks)

IT Inks

(emulsion, water-in-oil, stabilizers for, acylamino acid derivs. as)

IT 55258-23-6 63663-21-8 85818-48-0

RL: USES (Uses)

(stabilizers, for water-in-oil emulsion inks)

IT 63663-21-8

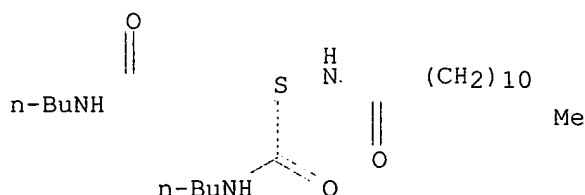
RL: USES (Uses)

(stabilizers, for water-in-oil emulsion inks)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L52 ANSWER 19 OF 20 HCAPLUS COPYRIGHT 2003 ACS

AN 1979:187959 HCAPLUS

DN 90:187959

TI Additives for polyolefin compositions

IN Yuzawa, Motoyasu; Sakai, Hidenori; Yoshikawa, Masaharu; Takeuchi, Koji; Honma, Masao

PA Ajinomoto Co., Inc., Japan; Mitsui Petrochemical Industries, Ltd.

SO Jpn. Kokai Tokkyo Koho, 4 pp.

CODEN: JKXXAF

DT Patent

LA Japanese

IC C08L023-02

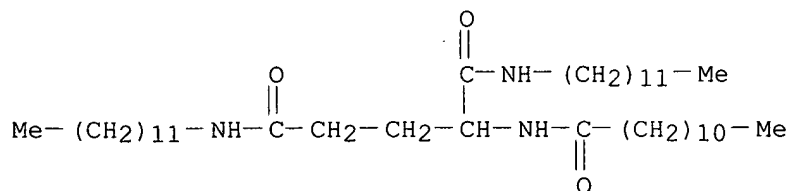
CC 36-6 (Plastics Manufacture and Processing)

FAN.CNT 1

AN 1975:171433 HCAPLUS
 DN 82:171433
 TI N-Acylamino acid amides
 IN Matsuzawa, Yoshimasa; Saito, Tadaomi
 PA Ajinomoto Co., Inc.
 SO Jpn. Kokai Tokkyo Koho, 3 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 NCL 16A6
 CC 34-2 (Synthesis of Amino Acids, Peptides, and Proteins)
 Section cross-reference(s): 46

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 49116005	A2	19741106	JP 1973-29732	19730314
	JP 52018691	B4	19770524		
PRAI	JP 1973-29732		19730314		
AB	N-Acylamino acid amides were prepd. by treating C1-22 N-acylamino acids with R1R2NH (R1 = .gtoreq.C8 alkyl, alkylene, cycloalkyl, aryl; R2 = H, .gtoreq.C1 alkyl, alkylene, cycloalkyl, aryl) with heating. The products were lipophilic surfactants. Thus, 173 g N-caproylglycine and 269 g stearylamine were heated 20 min at 180.degree. under N with removal of H2O to give 96% N-caproylglycine stearylamine. N-Caproyl-.epsilon.-aminocaproic acid laurylamide, N2,N6-dicaproyllysine laurylamide, N-lauroylglutamic acid dilaurylamide, and N-caproylglycine distearylamine were prepd. in 88-94% yields.				
ST	caproylglycine stearylamine; caproyllysine laurylamide; lauroylglutamic acid laurylamide; acylamino acid amide; amino acid amide				
IT	Amino acids, preparation RL: PREP (Preparation) (amides)				
IT	55596-45-7P	55596-46-8P	55596-47-9P	55596-48-0P	
	55596-49-1P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
IT	124-30-1				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with caproylglycine)				
IT	24003-67-6				
	RL: RCT (Reactant); RACT (Reactant or reagent) (reaction of, with stearylamine)				
IT	55596-48-0P				
	RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)				
RN	55596-48-0	HCAPLUS			
CN	Pentanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)				



=> d 153 all hitstr tot

L53 ANSWER 1 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 2002:465762 HCAPLUS

DN 137:52019

TI **Cosmetic** compositions structured with a polymer containing a heteroatom and an organogelator

IN Ferrari, Veronique

PA L'oreal, Fr.

SO PCT Int. Appl., 97 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-027

ICS A61K007-031; A61K007-032; A61K007-48

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002047628	A1	20020620	WO 2000-IB2028	20001213
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				
	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				
	LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				
	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				
	YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,				
	DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,				
	BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
	AU 2001025392	A5	20020624	AU 2001-25392	20001213
	WO 2002055030	A2	20020718	WO 2001-IB2780	20011212
	WO 2002055030	A3	20021205		
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,				
	CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR,				
	HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT,				
	LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU,				
	SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN,				
	YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AT, BE, CH,				
	CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR,				
	BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG				
PRAI	WO 2000-IB2028	A	20001213		
OS	MARPAT 137:52019				

AB A physiol. acceptable compn., in particular a **cosmetic** compn., comprising at least one liq. fatty phase which comprises (i) at least one structuring polymer having a polymer skeleton which comprises at least one hydrocarbon-based repeating unit contg. at least one hetero atom; and (ii) at least one organogelator. A polymer skeleton is chosen from polyurethane, polyurea, and polyurethane-polyurea skeletons, and at least one structuring polymer is chosen from polyamide polymers. For example, a lipstick was prepd. contg.: Phase A - Uniclear 100 18%, GP-1 5%, isononyl isononanoate 3.33%, diisostearyl malate 15.33%, and hydrogenated polybutene 2.34%; Phase B - hydrophobic silica 3%, hydrogenated polybutene 25%, and isononyl isononanoate 12%; Phase C - pigments 7% and hydrogenated polybutene 9%. The sticks of lipstick obtained had a diam. of 12.7 mm and a hardness of 204.+-.20 g measured using a "cheese wire". The sticks of lipstick did not break during measurement of the dynamic fragility carried out on 3 sticks.

ST polymer organogelator liq fatty phase **cosmetic**; gelation

agent polymer liq fatty phase lipstick

IT Fatty acids, biological studies

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)

(C8-26; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Japan wax; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Ph; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Steroids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(amido; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Amides, biological studies
Steroids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(amino; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Hair
Lip
Nail (anatomical)
Skin
(anhyd. **cosmetic** compns. for hair, skin, lips, and nails with liq. fatty phase contg. structuring polymers and organogelators)
- IT Amide group
Amino group
Amphiphiles
Antioxidants
Beeswax
Carbonyl group
Carboxyl group
Coloring materials
Deodorants
Hardness (mechanical)
Hydrogen bond
Hydrophile-lipophile balance value
Hydroxyl group
Odor and Odorous substances
Ozocerite
Pearlescent pigments
Perfumes
Pi bond
Pigments, nonbiological
Preservatives
Shampoos
Sunscreens
Surfactants
Thickening agents
(anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Alditols
Alkenes, biological studies
Amides, biological studies
Candelilla wax
Carnauba wax
Cyclic compounds
Essential oils
Esters, biological studies
Ethers, biological studies
Fats and Glyceridic oils, biological studies
Glycerides, biological studies
Hydrocarbon oils
Montan wax
Organometallic compounds

Paraffin waxes, biological studies
Polyamides, biological studies
Polymers, biological studies
Polyureas
Polyurethanes, biological studies
Resins
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)

IT Steroids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(azobenzene; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT Functional groups
(benzyl group; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT **Cosmetics**
(blushers; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT **Cosmetics**
(concealers; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT **Hair preparations**
(conditioners; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT Bond
(coordinate, with organometallic compds.; anhyd. **cosmetic**
compns. with liq. fatty phase contg. structuring polymers and
organogelators)

IT Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cork fiber; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT Dipeptides
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cyclodipeptides; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)

IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(cyclsiloxane-, di-Me; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)

IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(di-Me; anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)

IT Amides, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(diamides; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)

IT Ketones, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(diketones, copper .beta.-diketonates; anhyd. **cosmetic**
compns. with liq. fatty phase contg. structuring polymers and
organogelators)

IT **Cosmetics**
(emulsions; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)

IT Amino acids, biological studies
Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters; anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)

IT **Cosmetics**

- (eye liners; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(eye shadows; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, C8-26; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(foundations; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(gels; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Fats and Glyceridic oils, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrogenated; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Dyes
(hydrophilic and lipophilic; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydroxy, and salts; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydroxy, esters; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(lipsticks; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(makeup removers; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(mascaras; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Hydrocarbon waxes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(microcryst.; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT **Cosmetics**
(nail lacquers; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Gelation agents
(organogelators; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(ouricury; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Carboxylic acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(polycarboxylic, salts, binuclear copper tetracarboxylates; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Polyurethanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(polyurea-; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)
- IT Polyureas

- RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(polyurethane-; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)
- IT **Cosmetics**
(**powders**; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)
- IT Aggregation
(self-; anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)
- IT Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(silicone; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)
- IT Cyclosiloxanes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(siloxane-, di-Me; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)
- IT Softening (mechanical)
(softening point, of structuring polymers; anhyd. **cosmetic**
compns. with liq. fatty phase contg. structuring polymers and
organogelators)
- IT Amines, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(steroidal; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)
- IT **Cosmetics**
(**sticks**; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)
- IT Waxes
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(sugarcane; anhyd. **cosmetic** compns. with liq. fatty phase
contg. structuring polymers and organogelators)
- IT Lanolin
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(wax; anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)
- IT Metalloporphyrins
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(zinc complexes; anhyd. **cosmetic** compns. with liq. fatty
phase contg. structuring polymers and organogelators)
- IT 50-70-4D, D-Sorbitol, benzylidene derivs. 56-41-7D, L-Alanine, esters
72-18-4D, L-Valine, esters 81-25-4, Cholic acid 83-44-3, Deoxycholic
acid 106-14-9, 12-Hydroxystearic acid 108-93-0D, Cyclohexanol,
alkylaryl derivs. 120-12-7D, Anthracene, derivs. 434-13-9, Lithocholic
acid 641-81-6, Apocholic acid 7003-56-7 7664-38-2D, Phosphoric acid,
alkyl derivs., alkali metal and aluminum salts 9003-28-5D, Polybutene,
hydrogenated 19046-64-1, 1,3:2,4-Di-o-benzylidene-D-sorbitol
19437-01-5 34513-50-3, Octyl dodecanol 42131-25-9, Isononyl
isononanoate 61796-47-2 **63663-21-8**, Coagulan GP 1
81212-19-3, 12-Hydroxyoleic acid 81230-05-9, Diisostearyl malate
114118-81-9 141102-25-2 151493-20-8 189299-29-4 189299-30-7
189301-40-4 212268-42-3 212268-43-4 388609-83-4, Uniclear 100
390747-74-7 390747-75-8 390747-76-9
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)
- IT 60-33-3, Linoleic acid, reactions 107-15-3, Ethylenediamine, reactions
112-80-1, Oleic acid, reactions 124-09-4, Hexylenediamine, reactions
463-40-1, Linolenic acid 25265-76-3, Phenylenediamine 44170-50-5,
Ethylenetriamine
RL: RCT (Reactant); RACT (Reactant or reagent)
(anhyd. **cosmetic** compns. with liq. fatty phase contg.
structuring polymers and organogelators)

IT 7631-86-9, Fumed silica, biological studies
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (colloidal, hydrophobic-treated, rheol. agent; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

IT 112-52-7, Lauryl chloride 29256-90-4, Diaminocyclohexane
 RL: RCT (Reactant); RACT (Reactant or reagent)
 (cyclohexanetricarboxamides from; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

IT 67-52-7D, Barbituric acid, dialkyl derivs.
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (mol. assocns. with 2,4,6-triaminopyrimidine alkyl derivs.; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

IT 1004-38-2D, 2,4,6-Triaminopyrimidine, alkyl derivs.
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (mol. assocns. with dialkyl barbituric acid; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

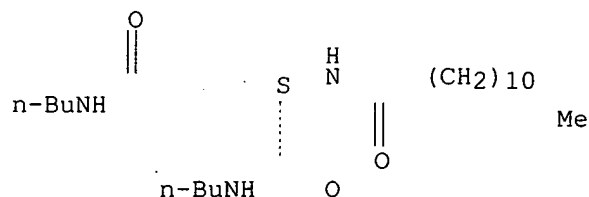
IT 9002-88-4, Polyethylene
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (waxes; anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
 RE
 (1) Mark, H; US 3148125 A 1964
 (2) Oreal; EP 1068855 A 2001 HCAPLUS
 (3) Oreal; EP 1068856 A 2001 HCAPLUS
 (4) Unilever Plc; EP 0797976 A 1997 HCAPLUS

IT 63663-21-8, Coagulan GP 1
 RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
 (anhyd. **cosmetic** compns. with liq. fatty phase contg. structuring polymers and organogelators)

RN 63663-21-8 HCAPLUS
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 2 OF 11 HCAPLUS COPYRIGHT 2003 ACS
 AN 2002:171638 HCAPLUS
 DN 136:205170
 TI Pre-shampoo conditioning composition
 IN Komure, Natsumi; Nagao, Miwa; Takabatake, Aiko; Cox, Bruce Russell
 PA The Procter & Gamble Company, USA
 SO PCT Int. Appl., 29 pp.
 CODEN: PIXXD2
 DT Patent
 LA English
 IC ICM A61K007-06
 CC 62-3 (Essential Oils and **Cosmetics**)
 FAN.CNT 1
 PATENT NO. KIND DATE APPLICATION NO. DATE

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PI  WO 2002017864      A1  20020307      WO 2000-US24018  20000831
    W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
      CN, CR, CU, CZ, CZ, DE, DE, DK, DK, DM, DZ, EE, EE, ES, FI, FI,
      GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
      KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX,
      MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM,
      TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ,
      MD, RU, TJ, TM
    RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
      DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ,
      CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    AU 2000070997      A5  20020313      AU 2000-70997      20000831
    WO 2002017865      A1  20020307      WO 2001-US5739  20010223
    W: AE, AG, AL, AM, AT, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH,
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      GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR,
      KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ,
      NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SK, SL, TJ, TM, TR,
      TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD,
      RU, TJ, TM
    RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY,
      DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF,
      BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG
    AU 2001041677      A5  20020313      AU 2001-41677      20010223
PRAI WO 2000-US24018  A    20000831
    WO 2001-US5739  W    20010223
AB  A hair conditioning compn. is disclosed for applying to the dry hair prior
    to washing the air, comprising by wt.30-99.9% a conditioning oil which is
    in a liq. form at 25.degree. and a thickener in an amt. which provides the
    compn. to have a viscosity of 500-200,000 mPas, the thickener selected
    from the group consisting of fatty compds., waxy compds., gelling
    agents, inorg. thickeners, oil-sol. polymers, and mixts. Thus, a hair
    conditioning compn. contained canola oil 57.6, petrolatum 30, cetyl alc.
    4.5, stearyl alc. 2.5, silicone blend 5, L-menthol 0.1, and perfume 0.3%.
ST  shampoo conditioning thickener; fatty compd wax gel conditioning
    hair
IT  Hair preparations
    (conditioners; pre-shampoo conditioning compn.)
IT  Shampoos
    Surfactants
    Thickening agents
    Viscosity
    (pre-shampoo conditioning compn.)
IT  Canola oil
    Glycerides, biological studies
    Olive oil
    Petrolatum
    Polymers, biological studies
    Polysiloxanes, biological studies
    Silicone rubber, biological studies
    Waxes
    RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
    (pre-shampoo conditioning compn.)
IT  Fats and Glyceridic oils, biological studies
    RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
    (teaseed; pre-shampoo conditioning compn.)
IT  Fats and Glyceridic oils, biological studies
    RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
    (vegetable; pre-shampoo conditioning compn.)
IT  112-80-1, Oleic acid, biological studies  112-92-5, Stearyl alcohol
    26161-33-1  36653-82-4, Cetyl alcohol  63663-21-8, GP-1
    473664-54-9, Salcare SC 96

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RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(pre-shampoo conditioning compn.)

RE.CNT 12 THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE

- (1) Anon; MANUFACTURING CHEMIST 1991, V62(11), P40
- (2) Braquart, R; FR 2167407 A 1973 HCAPLUS
- (3) Etemad-Moghadam, P; US 5407675 A 1995
- (4) Hehner, U; US 5885561 A 1999 HCAPLUS
- (5) Hirota, H; US 5342611 A 1994 HCAPLUS
- (6) Horin, S; US 4279262 A 1981 HCAPLUS
- (7) Jones, A; US 5116607 A 1992
- (8) Le Bras-Roulier, V; US 5948395 A 1999 HCAPLUS
- (9) Martonfi, J; CA 876102 A 1971
- (10) Pierre, T; CH 272709 A 1950
- (11) Unilever Plc; EP 0519727 A 1992 HCAPLUS
- (12) Unilever Plc; WO 9410973 A 1994 HCAPLUS

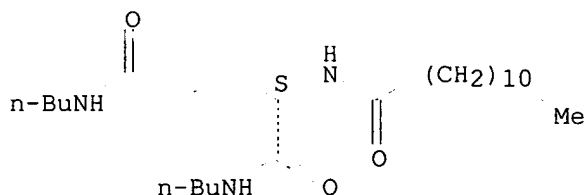
IT 63663-21-8, GP-1

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(pre-shampoo conditioning compn.)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 3 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 2002:122756 HCAPLUS

DN 136:189094

TI A carrier fluid with oxygen-containing emollient oil for antiperspirant formulations

IN Franklin, Kevin Ronald; Turner, Graham Andrew

PA Unilever PLC, UK; Unilever NV; Hindustan Lever Limited

SO PCT Int. Appl., 75 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-32

CC 62-4 (Essential Oils and Cosmetics)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002011692	A1	20020214	WO 2001-GB2932	20010629
	W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM			
	RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG			
	AU 2001067707	A5	20020218	AU 2001-67707	20010629
PRAI	GB 2000-19232	A	20000804		

WO 2001-GB2932 W 20010629

- AB Anhyd. antiperspirant formulations in which a particulate antiperspirant active is suspended in a carrier fluid can result in significant visible deposits when applied to skin or when transferred onto clothing. Anhyd. antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45%, and preferably at least 60% of its wt. comprises an oxygen-contg. emollient oil having a refractive index of at least 1.465, in conjunction with structurant comprising a wax or a non-polymeric fiber-forming **gellant**, excluding certain **gellants** or **gellant** combinations. Preferred emollient oils include alkyl benzoates and alkylphenylsiloxanes. The waxes can even comprise fatty alcs. For example, an antiperspirant stick was prepd. contg. Castorwax 4 parts, Kesterwax K82H 12 parts, AZAG 7167 24 parts, Finsolv TN 59 parts, and perfume 1 part. The stick left virtually no white deposits when applied to skin.
- ST benzoate siloxane emollient oil antiperspirant stick carrier
- IT Fatty acids, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C18-36, ethoxylated; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Montan wax
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(C24-34; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Me Ph; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(SF 1642; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Polysiloxanes, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(alkyl Me; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Containers
(carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Hydrocarbon oils
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT **Cosmetics**
(**emollients**; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Glycols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(esters, waxes; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Alcohols, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(fatty, waxes; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Castor oil
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(hydrogenated; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT Diglycerides
Monoglycerides
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(mixed monoglycerides and diglycerides; carrier fluid with

- oxygen-contg. emollient oil for antiperspirant formulations)
- IT **Gelation agents**
(non-polymeric fiber-forming; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT **Refractive index**
(of emollient oils; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT **Antiperspirants**
(sticks; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT **Glycerides, biological studies**
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(waxes; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 3982-82-9, DM 7040
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(DM 7040; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 3390-61-2, DC 705
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(PDM 7050; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 134910-86-4, AZAG 7167
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Reach 908; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 17671-27-1, Behenyl behenate
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(SP-C 44 Ester Wax; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 37309-58-3, Polydecene
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(Silkflo 364NF; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 56-81-5, Glycerol, biological studies 57-11-4, Stearic acid, biological studies 57-11-4D, Stearic acid, alkyl esters 65-85-0D, Benzoic acid, esters 83-46-5, .beta.-Sitosterol 106-14-9, 12-Hydroxystearic acid 112-92-5, Stearyl alcohol 541-02-6, DC 245 621-82-9D, Cinnamic acid, alkoxy derivs. 2915-72-2, Dodecyl benzoate 5333-42-6, Eutanol G 9003-13-8, Fluid AP 9005-08-7, Estol EO4DS 3724 11042-64-1, .gamma.-Oryzanol 14807-96-6, Talc, biological studies 27138-31-4, Dipropylene glycol dibenzoate 27458-93-1, Prisorine 3515 29376-83-8 34364-24-4, Finsolv SB **63663-21-8**, GP 1 70682-72-3 74565-11-0, Finsolv TN 102702-75-0 108347-89-3, Finsolv BOD 108347-90-6, Polypropylene glycol stearyl ether benzoate 346698-25-7, Kesterwax K82H 373643-47-1, Kesterwax K62 397883-32-8, Finsolv TPP 398509-91-6, AACH-A 418 398514-34-6, Finsolv Expt 117-136
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 7631-86-9, Aerosil 200, biological studies
RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(colloidal; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)
- IT 7782-44-7, Oxygen, biological studies
RL: BSU (Biological study, unclassified); BIOL (Biological study)
(oils contg.; carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)

RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
RE

- (1) Dow Corning Corp; EP 0549223 A 1993 HCAPLUS
- (2) Henkel Kgaa; DE 19921192 A 2000 HCAPLUS
- (3) Linn, E; US 5972319 A 1999 HCAPLUS

(4) Rouanet, S; US 5725836 A 1998 HCAPLUS

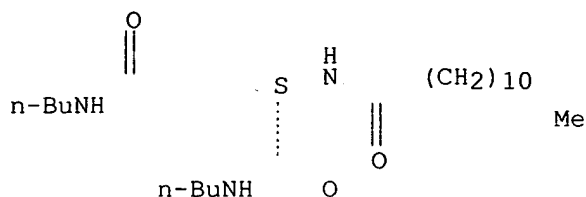
IT 63663-21-8, GP 1

RL: COS (Cosmetic use); BIOL (Biological study); USES (Uses)
(carrier fluid with oxygen-contg. emollient oil for antiperspirant formulations)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 4 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 2001:78200 HCAPLUS

DN 134:136469

TI **Cosmetic** compositions with a continuous phase containing water-immiscible oil and dibenzyl-threitol and analogs

IN Franklin, Kevin Ronald; Bhat, Rahila; Scott, Ian Peter

PA Unilever PLC, UK; Unilever NV; Hindustan Lever Limited

SO PCT Int. Appl., 73 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-48

ICS A61K007-32

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001007007	A1	20010201	WO 2000-GB2646	20000710
	W:				
	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW:				
	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP	1074246	A1	20010207	EP 1999-305840	19990723
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
EP	1196140	A1	20020417	EP 2000-946074	20000710
	R:				
	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
US	6410001	B1	20020625	US 2000-620858	20000721
PRAI	EP 1999-305840	A	19990723		
	WO 2000-GB2646	W	20000710		
OS	MARPAT 134:136469				
AB	Compns. for application to human skin have a continuous phase which contains water-immiscible oil structured by incorporation of a compd. of formula QOY(CHOH)mY1OQ1 (I; Y, Y1 = CH2, CO; Q, Q1 = hydrocarbonyl; m = 2-4). The compn. may be an antiperspirant contg. suspended particulate antiperspirant active or contg. a dispersed phase in which antiperspirant				

active is dissolved in water or water-immiscible solvent. Several structurant compds. were used to **gel** various water-immiscible liqs. and mixts. of liqs. For example, antiperspirant suspension sticks were prepd. using a water-immiscible liq. or a mixt. of water-immiscible liqs., an antiperspirant active and a structurant compd. The suspension sticks contained 5% (R,R)-1,4-di-O-benzyl-D-threitol or (R,R)-1,4-bis-O-(4-chlorobenzyl)-D-threitol, DC 345 56.8%, Finsolv TN 14.2%, Silkflo 364 NF 14.2%, and Summit Q 5-7167 24% in different combinations. All of the sticks prepd. were considered to have a gentle "silky" aesthetic feel, better than the conventional white stick, when applied to skin. Although these sticks had lower hardness than the conventional white stick they were all firm enough to be applied to skin without difficulty.

- ST dibenzylthreitol analog **gelling** agent oil **cosmetic**;
antiperspirant deodorant dibenzylthreitol analog **gelling** agent
- IT Esters, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(aliph., hydrophobic; **cosmetic** compns. with continuous phase
contg. water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Esters, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(arom.; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT **Antiperspirants**
Cosmetics
Deodorants
(**cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Alcohols, biological studies
Fibers
Glycols, biological studies
Hydrocarbon oils
Hydrocarbons, biological studies
Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(**cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Cyclosiloxanes
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(di-Me; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Containers
(dispensing; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(fatty; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT **Antiperspirants**
(**gel** sticks; **cosmetic** compns. with continuous phase
contg. water-immiscible oil and dibenzyl-threitol and analogs as

- gelling agents)
- IT Antiperspirants
(gels; **cosmetic** compns. with continuous phase
contg. water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(hydrophobic; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Emulsifying agents
(nonionic; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Liquids
(oils; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(polyhydric; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT Antiperspirants
(sticks; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT 110-27-0, Isopropyl myristate
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(Estol 1514; **cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- IT 56-81-5, Glycerol, biological studies 57-55-6, 1,2-Propanediol,
biological studies 64-17-5, Ethanol, biological studies 65-85-0D,
Benzoic acid, alkyl esters, biological studies 79-63-0, Lanosterol
83-46-5, .beta.-Sitosterol 106-14-9, 12-Hydroxystearic acid 541-02-6,
DC 245 622-00-4, Dibenzyl-L-Tartrate, biological studies 2116-84-9, DC
556 5333-42-6, Eutanol G 7429-90-5D, Aluminum, halo hydrates,
biological studies 7440-67-7D, Zirconium, halo hydrates, biological
studies 11042-64-1, .gamma.-Oryzanol 14807-96-6, Talcum, biological
studies 17401-06-8, (S,S)-1,4-Di-O-benzyl-D-threitol 27458-93-1,
Prisorine 3515 **63663-21-8**, GP 1 74565-11-0, Finsolv TN
83271-10-7, Rheopearl KL 85362-85-2, (S,S)-1,4-Bis-O-(4-chlorobenzyl)-D-
threitol 85362-86-3, (R,R)-1,4-Bis-O-(4-chlorobenzyl)-D-threitol
91604-41-0, (R,R)-1,4-Di-O-benzyl-D-threitol 134910-86-4, AZAG 7167
145686-34-6, Abil EM 90 173762-83-9, Zirkonal 50 187412-92-6, DC 710
195740-04-6, Silkflo 364NF 222540-82-1, Q 5-7167
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES
(Uses)
(**cosmetic** compns. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)
- RE.CNT 4 THERE ARE 4 CITED REFERENCES AVAILABLE FOR THIS RECORD
- RE
- (1) Bristol-Myers Squibb; EP 0512770 A 1992 HCAPLUS
- (2) Henkel; DE 3011191 A 1981 HCAPLUS
- (3) Lancaster; WO 9834588 A 1998 HCAPLUS
- (4) Takasago; JP 47039620 A 1972 HCAPLUS
- IT **63663-21-8**, GP 1
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES

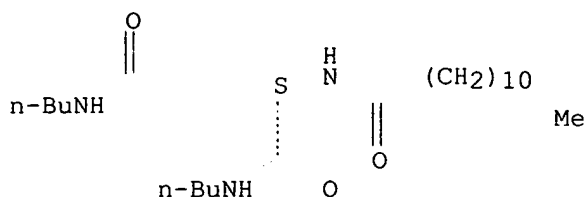
(Uses)

(cosmetic comps. with continuous phase contg.
water-immiscible oil and dibenzyl-threitol and analogs as
gelling agents)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 5 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 2000:741865 HCAPLUS

DN 133:313387

TI Cosmetic structured emulsion compositions

IN Franklin, Kevin Ronald; Hopkinson, Andrew

PA Unilever PLC, UK; Unilever N.V.; Hindustan Lever Limited

SO PCT Int. Appl., 93 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

CC 62-4 (Essential Oils and Cosmetics)

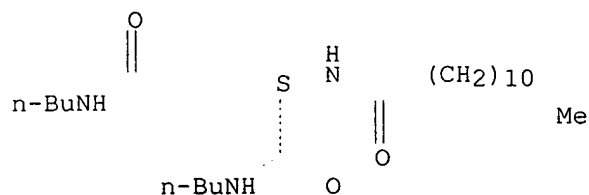
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061081	A2	20001019	WO 2000-GB1236	20000331
	WO 2000061081	A3	20020110		
	W: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP	1187597	A2	20020320	EP 2000-918999	20000331
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
BR	2000009748	A	20020416	BR 2000-9748	20000331
JP	2002541172	T2	20021203	JP 2000-610414	20000331
US	6455056	B1	20020924	US 2000-547804	20000411
US	2001055574	A1	20011227	US 2000-548309	20000412
US	6426060	B2	20020730		
PRAI	GB 1999-8212	A	19990412		
	WO 2000-GB1236	W	20000331		
AB	A cosmetic compn. is a structured emulsion of a continuous phase contg. water-immiscible liq. carrier plus a structurant, and a disperse phase which is a soln. of antiperspirant active in a more polar, probably aq., solvent. The structurant is a material which forms a network of fibers in the continuous phase, thereby gelling it. The structurant has an enthalpy of gelation in the carrier liq. or a test liq. with a magnitude of at least 30 kJ/mol. This min. enthalpy of				

gelation facilitates processing at conveniently accessible temps. and promotes stability. The enthalpy of gelation was detd. for a no. of structureing agents such as .alpha.-cellobiose esters in 3 liqs. Antiperspirant compns. were given.

- ST **cosmetic** structured emulsion; cellobiose ester **cosmetic** structure emulsion
- IT **Antiperspirants**
Gelation enthalpy
(**cosmetic** structured emulsion compns.)
- IT Alcohols, biological studies
Polysiloxanes, biological studies
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(**cosmetic** structured emulsion compns.)
- IT **Cosmetics**
(**emulsions**; **cosmetic** structured emulsion compns.)
- IT Alcohols, biological studies
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(fatty; **cosmetic** structured emulsion compns.)
- IT 240418-70-6
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(SF 1555; **cosmetic** structured emulsion compns.)
- IT 56-81-5, Glycerol, biological studies 57-55-6, Propylene glycol, biological studies 541-02-6, Decamethyl cyclopentasiloxane 27458-93-1, Isostearyl alcohol 134910-86-4, WA 228106 173762-83-9, Zirkonal 50
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(**cosmetic** structured emulsion compns.)
- IT 172585-67-0, .alpha.-Cellobiose octadecanoate 172585-68-1, .alpha.-Cellobiose octaundecanoate 301684-31-1 301684-34-4
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(**cosmetic** structured emulsion compns.)
- IT 79-63-0P, Lanosterol 83-46-5P, .beta.-Sitosterol 106-14-9P, 12-Hydroxystearic acid 12738-23-7P, Oryzanol **63663-21-8P**, GP-1 172585-65-8P, .alpha.-Cellobiose octaoctanoate 172585-66-9P, .alpha.-Cellobiose octanonanoate
RL: BUU (Biological use, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(**cosmetic** structured emulsion compns.)
- IT 112-05-0, Nonanoic acid 528-50-7, Cellobiose
RL: RCT (Reactant); RACT (Reactant or reagent)
(**cosmetic** structured emulsion compns.)
- IT **63663-21-8P**, GP-1
RL: BUU (Biological use, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(**cosmetic** structured emulsion compns.)
- RN 63663-21-8 HCAPLUS
- CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 6 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 2000:741864 HCAPLUS

DN 133:313386

TI **Cosmetic** compositions containing saccharide ester structurants

IN Franklin, Kevin Ronald; Hopkinson, Andrew

PA Unilever PLC, UK; Unilever NV; Hindustan Lever Limited

SO PCT Int. Appl., 102 pp.

CODEN: PIXXD2

DT Patent

LA English

IC ICM A61K007-00

CC 62-4 (Essential Oils and **Cosmetics**)

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2000061080	A2	20001019	WO 2000-GB1235	20000331
	WO 2000061080	A3	20010503		
	W:		AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM		
	RW:		GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG		
	EP 1175199	A2	20020130	EP 2000-918998	20000331
	R:		AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO		
	US 6455056	B1	20020924	US 2000-547804	20000411
	US 2001055574	A1	20011227	US 2000-548309	20000412
	US 6426060	B2	20020730		
PRAI	GB 1999-8212	A	19990412		
	WO 2000-GB1235	W	20000331		
AB	A cosmetic compn. contains a water-immiscible carrier liq. and a structurant therefor which is effective to gel the compn. upon cooling from a temp. at which the structurant is a mobile soln. in the carrier liq. The carrier liq. may serve as a continuous phase in which a solid or liq. disperse phase is suspended. The structurant is a fully or partially esterified saccharide which contains no more than eight monosaccharide residues and has an enthalpy of gelation in the carrier liq. with a magnitude of at least 45 kJ/mol. This min. enthalpy of gelation facilitates processing at conveniently accessible temps. and promotes stability. The enthalpy of gelation for a no. of .alpha.-cellobiose esters was given and cosmetic gel formulations given.				
ST	cosmetic gel structurant; cellobiose ester				
	cosmetic gel				
IT	Antiperspirants				
	Deodorants				
	Gelation enthalpy				
	(cosmetic compns. contg. saccharide ester structurants)				
IT	Alcohols, biological studies				
	Polysiloxanes, biological studies				
	RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)				
	(cosmetic compns. contg. saccharide ester structurants)				
IT	Cyclosiloxanes				
	RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)				
	(di-Me; cosmetic compns. contg. saccharide ester				

structurants)

IT **Cosmetics**
(gels; cosmetic compns. contg. saccharide ester structurants)

IT Carbohydrates, biological studies
RL: BUU (Biological use, unclassified); BIOL (Biological study); USES (Uses)
(sugar esters; cosmetic compns. contg. saccharide ester structurants)

IT 240418-70-6
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(SF 1555; cosmetic compns. contg. saccharide ester structurants)

IT 56-81-5, Glycerol, biological studies 57-55-6, Propylene glycol, biological studies 134910-86-4, AZAG 7167 145686-34-6, Cetyl dimethicone copolyol 173762-83-9, Zirkonal 50
RL: BUU (Biological use, unclassified); MOA (Modifier or additive use); BIOL (Biological study); USES (Uses)
(cosmetic compns. contg. saccharide ester structurants)

IT 79-63-0, Lanosterol 83-46-5, .beta.-Sitosterol 106-14-9, 12-Hydroxystearic acid 12738-23-7, Oryzanol 63663-21-8 172585-65-8, .alpha.-Cellobiose octa-octanoate 172585-67-0 172585-68-1, .alpha.-Cellobiose octaundecanoate 301684-31-1 301684-34-4
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(cosmetic compns. contg. saccharide ester structurants)

IT 172585-66-9P, .alpha.-Cellobiose octa-nonoate
RL: BUU (Biological use, unclassified); PRP (Properties); SPN (Synthetic preparation); BIOL (Biological study); PREP (Preparation); USES (Uses)
(cosmetic compns. contg. saccharide ester structurants)

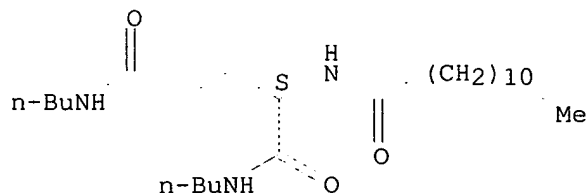
IT 112-05-0, Nonanoic acid 528-50-7, Cellobiose
RL: RCT (Reactant); RACT (Reactant or reagent)
(cosmetic compns. contg. saccharide ester structurants)

IT 63663-21-8
RL: BUU (Biological use, unclassified); PRP (Properties); BIOL (Biological study); USES (Uses)
(cosmetic compns. contg. saccharide ester structurants)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 7 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 1998:457173 HCAPLUS

DN 129:113530

TI **Pharmaceutical gel** or **gel stick** compositions
containing alkyl amides of di- and tri-carboxylic acids as
gellants

IN Guskey, Gerald John; Lo, Raymond Joseph; Swaile, David Frederick

PA Procter & Gamble Co., USA

SO U.S., 13 pp.

CODEN: USXXAM
 DT Patent
 LA English
 IC ICM A61K009-10
 ICS A61K047-18
 NCL 424484000
 CC 63-6 (Pharmaceuticals)
 Section cross-reference(s): 23, 62
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	US 5776494	A	19980707	US 1996-771101	19961220
	WO 9828008	A1	19980702	WO 1997-US24251	19971218
	W: AU, BR, CA, CN, JP, MX				
	RW: AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE				
	AU 9857297	A1	19980717	AU 1998-57297	19971218
	EP 957940	A1	19991124	EP 1997-953578	19971218
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, PT, IE, FI				
	CN 1245435	A	20000223	CN 1997-181576	19971218
	JP 2001507689	T2	20010612	JP 1998-529122	19971218
PRAI	US 1996-771101	A	19961220		
	WO 1997-US24251	W	19971218		

OS MARPAT 129:113530

AB The title compns. contain a safe and effective amt. of .gtoreq.1
pharmaceutical active and a **gellant** based on alkyl
 amides of di- and/or tribasic carboxylic acids or anhydrides.
 Incorporation of the above alkyl amides in the compns. provide reduced
 visible residue. Optionally, the compn. may contain secondary
gelling agents. Thus, several formulations for
pharmaceutical gel-solid stick compns. contg.
 1,2,3-propane tributylamide, 2-hydroxy-1,2,3-propane tributylamide, and
 2-dodecyl-N,N-dihexylsuccinamide **gelling** agents are presented.

ST **gellant pharmaceutical gel stick**; alkyl
 amide dicarboxylic acid **gellant gel**; citric acid alkyl
 amide **gellant**; succinamide **gelling agent gel**
 stick

IT **Gelation agents**
 (alkyl amides of di- and tricarboxylic acids as **gelling**
 agents for **pharmaceutical gel** sticks with reduced
 visible residue)

IT Amides, biological studies
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (alkyl amides of di- and tricarboxylic acids as **gelling**
 agents for **pharmaceutical gel** sticks with reduced
 visible residue)

IT Dandruff
 (anti-, **gels** and **gel stick**; alkyl amides of di- and
 tricarboxylic acids as **gelling** agents for
pharmaceutical gel sticks with reduced visible
 residue)

IT Acne
 (anti-, preps.; alkyl amides of di- and tricarboxylic acids as
gelling agents for **pharmaceutical gel**
 sticks with reduced visible residue)

IT **Soaps**
 RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (bars; alkyl amides of di- and tricarboxylic acids as **gelling**
 agents for **pharmaceutical gel** sticks with reduced
 visible residue)

IT **Cosmetics**
 (creams; alkyl amides of di- and tricarboxylic acids as

gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Cosmetics
(depilatories, gels and gel stick; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Deodorants
(gel stick; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Analgesics
Radical scavengers
Sunscreens
(gels and gel stick; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Hormones, animal, biological studies
Vitamins
RL: THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(gels and gel stick; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Cosmetics
Drug delivery systems
(gels; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Cosmetics
(moisturizers; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Antioxidants
(pharmaceutical, gels and gel stick; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Antiperspirants
(stick; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT Drug delivery systems
(topical; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT 77-92-9D, alkyl amides, biological studies 99-14-9D, Tricarballic acid, alkyl amides 110-15-6D, Succinic acid, alkyl amides, biological studies 139-13-9D, Nitrilotriacetic acid, alkyl amides 38328-55-1 63663-32-1 209848-15-7 209918-03-6 209918-04-7 209918-05-8 209918-06-9 209918-07-0 209918-08-1 209918-09-2 209918-10-5 209918-11-6 209918-12-7 209918-13-8 209918-14-9 209918-15-0 209918-16-1 209918-18-3 209918-20-7 209918-22-9 209918-24-1 209918-26-3
RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL (Biological study); USES (Uses)
(gelling agent; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

IT 106-14-9 141-23-1, Methyl 12-hydroxystearate 505-95-3 506-13-8

7059-49-6, 12-Hydroxystearamide 7354-07-6 16169-46-3 16170-20-0
17449-63-7 36826-83-2, Stearyl 12-hydroxystearate 74815-67-1, Ethyl
12-hydroxystearate 89332-54-7 166527-38-4, Benzyl 12-hydroxystearate
166527-39-5 166527-40-8 166527-41-9 166527-42-0

RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
(Biological study); USES (Uses)

(secondary **gelling** agent; alkyl amides of di- and
tricarboxylic acids as **gelling** agents for
pharmaceutical gel sticks with reduced visible
residue)

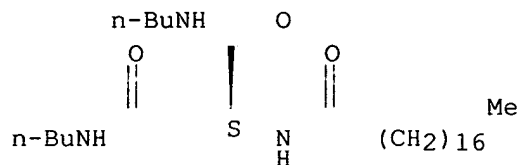
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 209918-22-9 209918-24-1 209918-26-3
- RL: BUU (Biological use, unclassified); THU (Therapeutic use); BIOL
 (Biological study); USES (Uses)
 (gelling agent; alkyl amides of di- and tricarboxylic acids
 as gelling agents for pharmaceutical gel
 sticks with reduced visible residue)

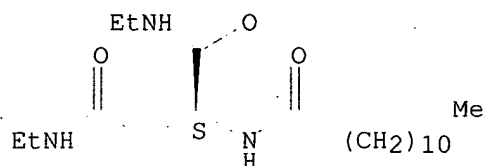
RN 63663-32-1 HCAPLUS
 CN Butanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



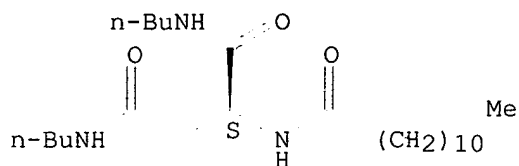
RN 209918-05-8 HCAPLUS
 CN Butanediamide, N,N'-diethyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



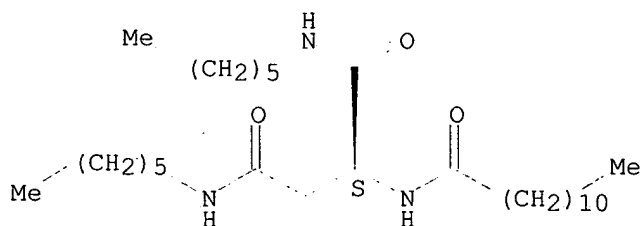
RN 209918-06-9 HCAPLUS
 CN Butanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



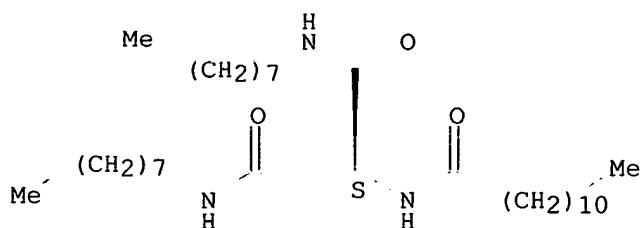
RN 209918-07-0 HCAPLUS
 CN Butanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 209918-08-1 HCAPLUS
 CN Butanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

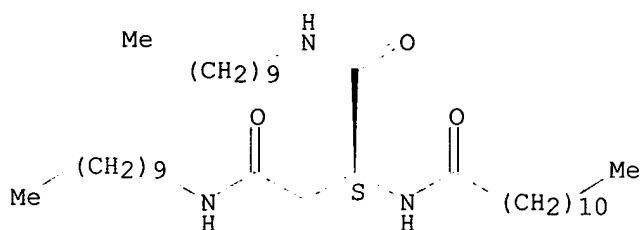
Absolute stereochemistry.



RN 209918-09-2 HCAPLUS

CN Butanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

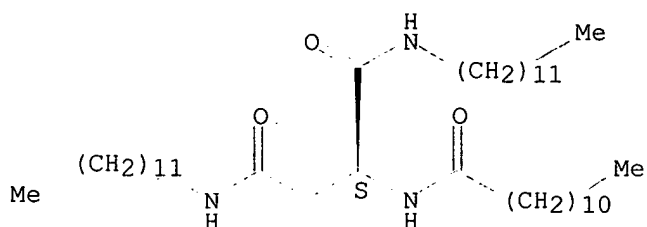
Absolute stereochemistry.



RN 209918-10-5 HCAPLUS

CN Butanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

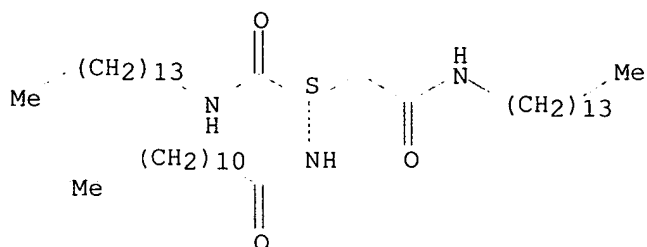
Absolute stereochemistry.



RN 209918-11-6 HCAPLUS

CN Butanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI) (CA INDEX NAME)

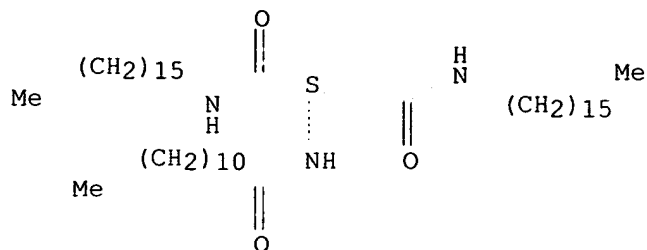
Absolute stereochemistry.



RN 209918-12-7 HCAPLUS

CN Butanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

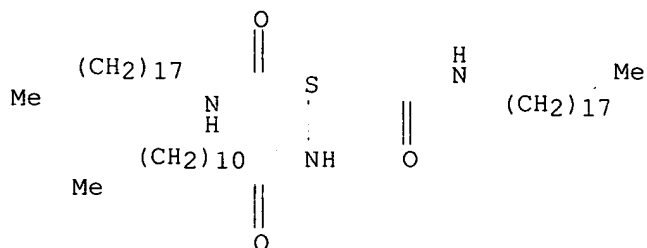
Absolute stereochemistry.



RN 209918-13-8 HCAPLUS

CN Butanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

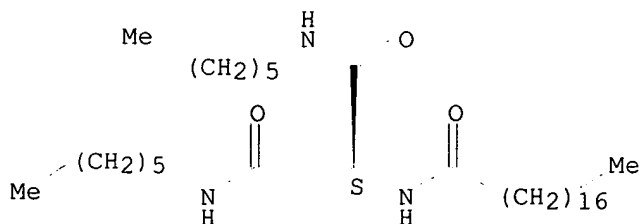
Absolute stereochemistry.



RN 209918-14-9 HCAPLUS

CN Butanediamide, N,N'-dihexyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

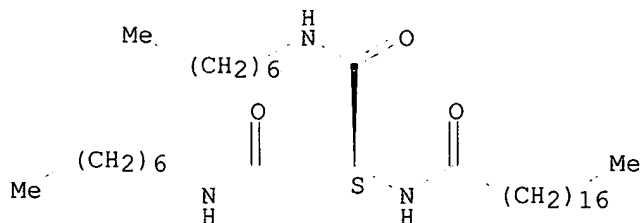
Absolute stereochemistry.



RN 209918-15-0 HCAPLUS

CN Butanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

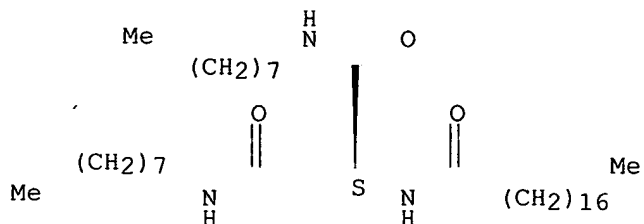
Absolute stereochemistry.



RN 209918-16-1 HCAPLUS

CN Butanediamide, N,N'-dioctyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

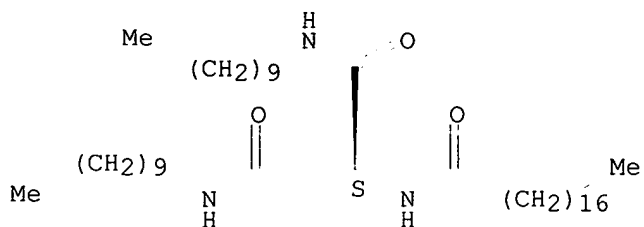
Absolute stereochemistry.



RN 209918-18-3 HCAPLUS

CN Butanediamide, N,N'-didecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

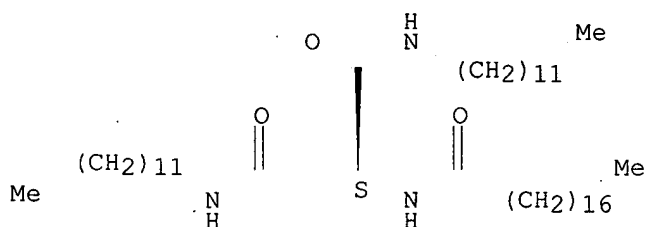
Absolute stereochemistry.



RN 209918-20-7 HCAPLUS

CN Butanediamide, N,N'-didodecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

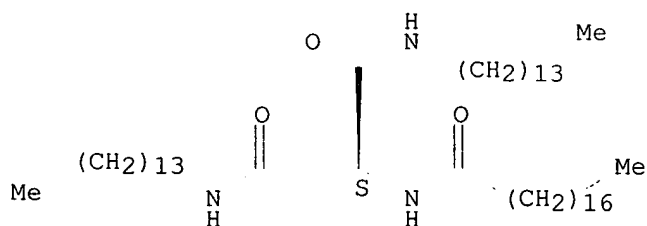
Absolute stereochemistry.



RN 209918-22-9 HCAPLUS

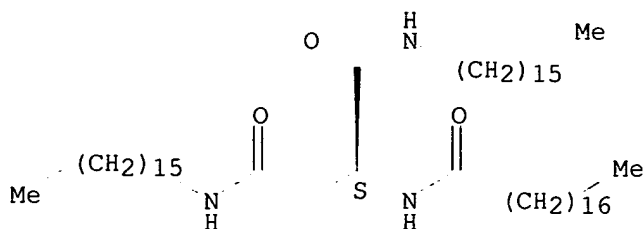
CN Butanediamide, 2-[(1-oxooctadecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



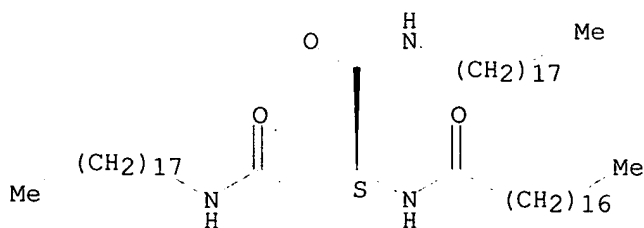
RN 209918-24-1 HCAPLUS
 CN Butanediamide, N,N'-dihexadecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



RN 209918-26-3 HCAPLUS
 CN Butanediamide, N,N'-dioctadecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 8 OF 11 HCAPLUS COPYRIGHT 2003 ACS
 AN 1987:72719 HCAPLUS
 DN 106:72719
 TI Lipstick substitutes containing **gelation** agents
 IN Ikeda, Toshihide; Omura, Masanori; Tanaka, Muneo
 PA Shiseido Co., Ltd., Japan
 SO Jpn. Kokai Tokkyo Koho, 8 pp.
 CODEN: JKXXAF
 DT Patent
 LA Japanese
 IC ICM A61K007-025
 CC 62-4 (Essential Oils and **Cosmetics**)
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 61236716	A2	19861022	JP 1985-75346	19850411
	JP 06011684	B4	19940216		
	JP 09110641	A2	19970428	JP 1996-276346	19961018
	JP 3117647	B2	20001218		
PRAI	JP 1985-75346	A3	19850411		

AB A lipstick substitute in a form of paste contains (1) wax or waxlike substance, (2) oil or semi-oil material, (3) a dye and white powder, and (4) a **gelation** agent such as soap, bentonite, amino acids, fatty acid dextrin esters, fatty acid sucrose esters, and benzylidenesorbitol derivs. This paste-type prepn. is more easily applied to the lips than conventional lipsticks. Thus, a prepn. consists of polyethylene wax 3, serecin wax 4, microcryst. wax 4, carnauba wax 2, castor oil 15, di-2-heptylundecanoic acid glycerin 30, paraffin oil 29, dextrin palmitate 1, red iron oxide 1.6, TiO2 1.6, Red No. 202 1, Yellow No. 4 0.8,

titanium-coated mica 7% by wt., and an antioxidant q.s. and perfume q.s.

ST lipstick substitute **gelation** agent

IT Bentonite, biological studies
RL: BIOL (Biological study)
(lipstick substitutes contg.)

IT Amino acids, biological studies
Soaps
RL: BIOL (Biological study)
(lipstick substitutes contg., as **gelation** agents)

IT **Gelation**
(agents, for lipstick substitutes)

IT Carbohydrates and Sugars, esters
RL: BIOL (Biological study)
(esters, with fatty acids, lipstick substitutes contg.)

IT Fatty acids, esters
RL: BIOL (Biological study)
(esters, with sugars, lipstick substitutes contg.)

IT **Cosmetics**
(**lipsticks**, substitutes, **gelation** agents for)

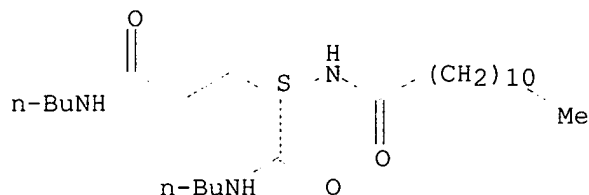
IT 57-50-1D, Sucrose, esters with fatty acids 637-12-7, Aluminum stearate
9004-53-9D, Dextrin, esters with fatty acids 27195-16-0, Sucrose
distearate 32647-67-9, Dibenzylidene sorbitol 37307-33-8, Dextrin
stearate 63663-21-8 83271-10-7, Dextrin palmitate
RL: BIOL (Biological study)
(lipstick substitutes contg.)

IT **63663-21-8**
RL: BIOL (Biological study)
(lipstick substitutes contg.)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 9 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 1981:106209 HCAPLUS

DN 94:106209

TI Chemical agents for solidification of fuel oils

PA **Ajinomoto Co., Inc., Japan**

SO Jpn. Kokai Tokkyo Koho, 7 pp.
CODEN: JKXXAF

DT Patent

LA Japanese

IC B09B003-00; A62D001-00; C09K003-00; C09K003-28

CC 51-6 (Fossil Fuels, Derivatives, and Related Products)

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 55124583	A2	19800925	JP 1979-32849	19790320
	JP 58029133	B4	19830621		
PRAI	JP 1979-32849		19790320		
AB	Org. solidification agents (i.e., 12-hydroxystearic acids, N-acylamino acid amides or esters, and benzylidene sorbitols) are dissolved in mixed				

solvents contg. halogenated hydrocarbons to obtain products for the solidification of liq. fuels. Thus, N-caproylglutamic acid .alpha.,.gamma.-dioctylamide [76652-52-3] 10, 3-methoxy-1-butanol [2517-43-3] (contg. 5 wt.% MgCl₂) 40, and 1,2-dibromo-1,1,2,2 tetrafluoroethane [124-73-2] 50 wt. parts were mixed. When 20 mL gasoline was mixed with 10 mL of the mixt. and 5 mL water for 2-3 s, the product was solidified to give a material of low combustibility. The products can be used to prevent the fire hazard caused by oil spills.

ST gasoline solidification fire prevention; fuel oil solidification fire prevention; safety fire gasoline solidification; acylamino acid amide solidification agent; caproylglutamic acid octylamide solidification agent

IT Fire
(hazards, solidification of gasoline and water for prevention of)

IT Fuel oil
Gasoline
RL: USES (Uses)
(solidification of water and, agents for, for preventing fire hazard from spills)

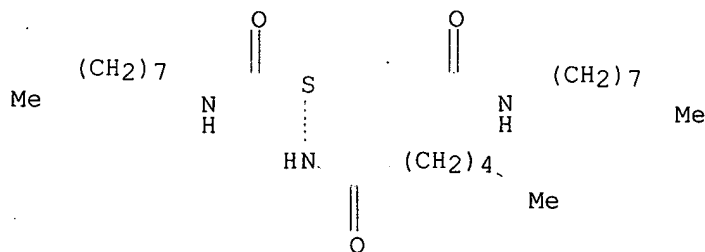
IT 124-73-2 2517-43-3 7786-30-3, uses and miscellaneous
76652-52-3
RL: USES (Uses)
(solidification by compn. contg., of gasoline and water)

IT 76652-52-3
RL: USES (Uses)
(solidification by compn. contg., of gasoline and water)

RN 76652-52-3 HCAPLUS

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxohexyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L53 ANSWER 10 OF 11 HCAPLUS COPYRIGHT 2003 ACS

AN 1977:554768 HCAPLUS

DN 87:154768

TI Gels of nonpolar liquids with N-acyl amino acids and their derivatives as gelling agents

IN Saito, Tadaomi; Matsuzawa, Yoshimasa; Ninagawa, Sadayoshi; Honna, Masao; Takesada, Masahiko; Takehara, Masahiro

PA Ajinomoto Co., Inc., Japan

SO U.S., 12 pp.
CODEN: USXXAM

DT Patent

LA English

IC C10L007-02

NCL 044007000C

CC 51-9 (Fossil Fuels, Derivatives, and Related Products)
Section cross-reference(s): 17, 42, 62

FAN.CNT 2

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3969087	A	19760713	US 1975-549488	19750212
	JP 51019139	A2	19760216	JP 1974-90634	19740807
	JP 51125677	A2	19761102	JP 1974-90633	19740807
PRAI	JP 1974-90633		19740807		
	JP 1974-90634		19740807		

AB N-acyl amino acids or their esters, amides, and amine salts are **gelation** agents for fuels. Thus, **gelled** kerosine (shear strength 223 g/cm²) was obtained by mixing kerosine with 1% N,N'-dibutyl-N.alpha.-**lauroylglutamamide** (I) [63663-21-8] at 120.degree.. Other hydrocarbons and vegetable oils were also **gelled** by I or by many other amino and derivs.

ST kerosine **gelation** acyl amino acid; fuel **gelation** agent; safety fuel **gelation** agent; fat **gelation** agent amine; vegetable oil **gelation** amine; oil vegetable **gelation** amine

IT Beeswax
(cleansing creams contg., **gelation** agents for)

IT Safety
(**gelation** of fuel in relation to)

IT Fuels, jet aircraft
Gas oils
Lubricating oils
Corn oil
Cottonseed oil
Gasoline
Kerosine
Olive oil
Paraffin oils
Rape oil
Soybean oil
RL: PROC (Process)
(**gelation** of, agents for)

IT Rubber, chlorinated
RL: USES (Uses)
(paint vehicles contg., **gelation** agents for)

IT Paraffin waxes and Hydrocarbon waxes, uses and miscellaneous
RL: USES (Uses)
(chlorinated, paint vehicles contg., **gelation** agents for)

IT **Cosmetics**
(**cleansing creams**, formulation of, **gelation** agents in)

IT Coating materials
(paints, formulation of, **gelation** agents in)

IT 110-27-0 111-02-4 9005-00-9 25322-68-3
RL: USES (Uses)
(cleansing creams contg., **gelation** agents for)

IT 59309-65-8 63663-41-2 **63663-44-5** 63663-45-6 63663-46-7
63663-47-8 63663-48-9 63663-49-0 63663-50-3 63663-51-4
63663-52-5 63663-54-7
RL: USES (Uses)
(**gelation** agents, for fuels and lubricating and vegetable oils)

IT 55258-23-6 59274-87-2 61468-75-5 **63663-21-8** 63663-23-0
63663-24-1 63663-25-2 63663-26-3 63663-27-4 **63663-28-5**
63663-29-6 63663-30-9 **63663-31-0** **63663-32-1**
63663-33-2 63663-34-3 63663-35-4 63663-36-5 63663-37-6
63663-38-7 63663-39-8 63663-40-1 63663-41-2 63663-42-3
63663-43-4
RL: USES (Uses)
(**gelation** agents, for hydrocarbon fuels and lubricating and vegetable oils)

IT 56-23-5, uses and miscellaneous 71-43-2, uses and miscellaneous

84-66-2 108-10-1 108-83-8 108-88-3, uses and miscellaneous
 110-82-7, uses and miscellaneous 111-65-9, uses and miscellaneous
 117-84-0 123-86-4 1330-20-7, uses and miscellaneous 1330-78-5
 2432-87-3 9003-13-8 9004-96-0

RL: USES (Uses)

(gelation of, by amino acid derivs.)

IT 13463-67-7, uses and miscellaneous

RL: USES (Uses)

(pigments, gelation agents for vehicles contg.)

IT 63663-44-5 63663-47-8

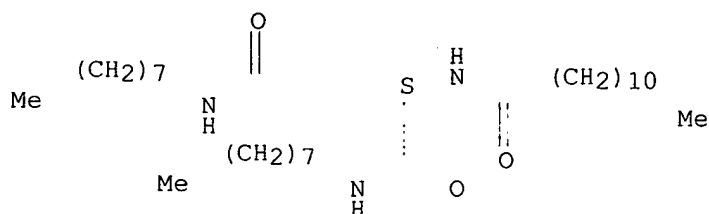
RL: USES (Uses)

(gelation agents, for fuels and lubricating and vegetable oils)

RN 63663-44-5 HCAPLUS

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

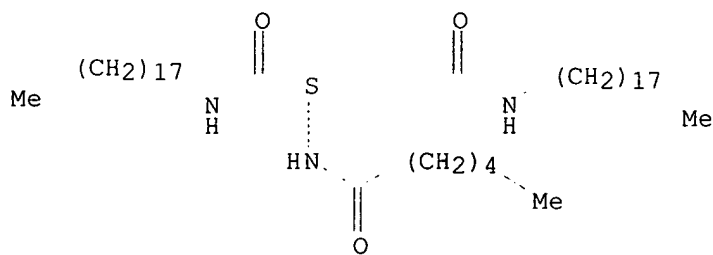
Absolute stereochemistry.



RN 63663-47-8 HCAPLUS

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxohexyl)amino]-, (S)-. (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 63663-21-8 63663-28-5 63663-29-6

63663-31-0 63663-32-1

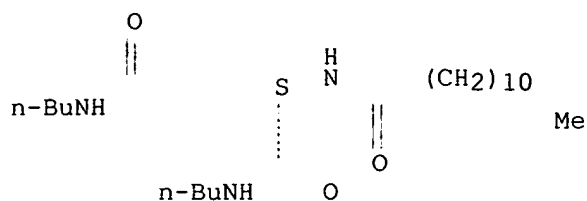
RL: USES (Uses)

(gelation agents, for hydrocarbon fuels and lubricating and vegetable oils)

RN 63663-21-8 HCAPLUS

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

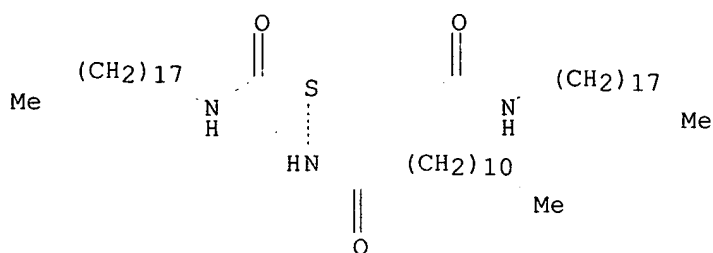
Absolute stereochemistry.



RN 63663-28-5 HCAPLUS

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

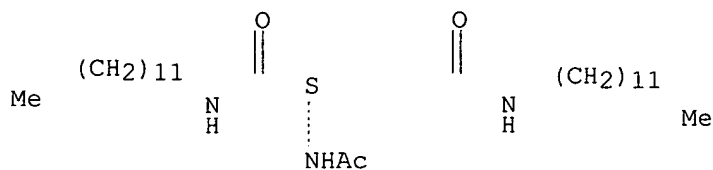
Absolute stereochemistry.



RN 63663-29-6 HCAPLUS

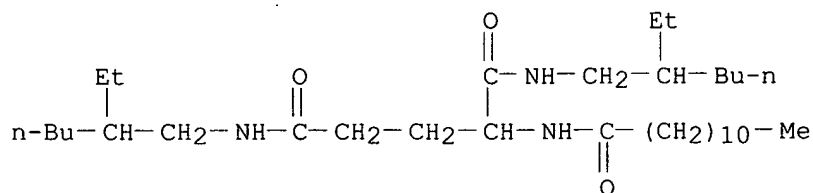
CN Pentanediamide, 2-(acetylamino)-N,N'-didodecyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 63663-31-0 HCAPLUS

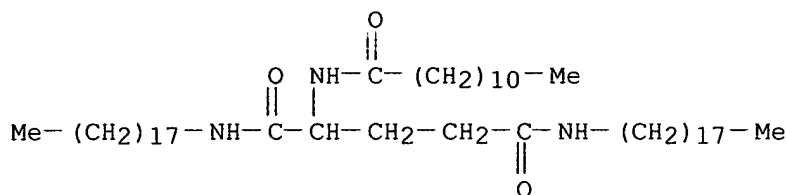
CN Pentanediamide, N,N'-bis(2-ethylhexyl)-2-[(1-oxododecyl)amino]-, (S)- (9CI) (CA INDEX NAME)



RN 63663-32-1 HCAPLUS

CN Butanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> fil uspatall

FILE 'USPATFULL' ENTERED AT 12:48:35 ON 02 MAR 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'USPAT2' ENTERED AT 12:48:35 ON 02 MAR 2003

CA INDEXING COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

=> d bib abs hitstr tot 162

L62 ANSWER 1 OF 24 USPATFULL

AN 2002:287103 USPATFULL

TI **Gelling** agent for oil

IN Yamato, Naoya, Kawasaki-shi, JAPAN

Yoshihara, Hideki, Yokkaichi-shi, JAPAN

PA AJINOMOTO CO. INC., Tokyo, JAPAN (non-U.S. corporation)

PI US 2002159961 A1 20021031

AI US 2002-73226 A1 20020213 (10)

PRAI JP 2001-35011 20010213

DT Utility

FS APPLICATION

LREP OBLON SPIVAK MCCLELLAND MAIER & NEUSTADT PC, FOURTH FLOOR, 1755

JEFFERSON DAVIS HIGHWAY, ARLINGTON, VA, 22202

CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 675

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A compound represented by the following general formula (I), wherein R.sup.1 and R.sup.2 represent a hydrocarbon group having 1 to 26 carbon atoms, preferably a linear or branched alkyl group, R₃ represents a hydrocarbon group having 7 to 10 carbon atoms, preferably a linear or branched alkyl group, n represents 1 or 2 provided that the acidic amino acid residue in the molecule is L-aspartic acid residue when n is 1 and said acidic amino acid residue is L-glutamic acid residue when n is 2, and a **gelling** agent for an oil comprising said compound.
##STR1##

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-21-8P 486455-65-6P 486455-66-7P

486455-67-8P 486455-68-9P 486455-69-0P

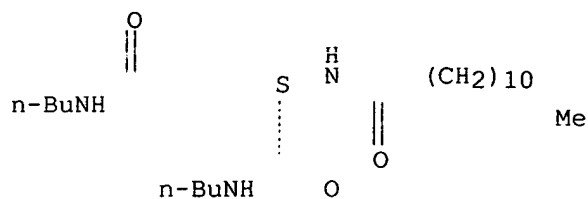
486455-70-3P 486455-71-4P

(prepn. of N-acyl-L-aspartic and -glutamic acid diamides for gel compns. and cosmetics)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

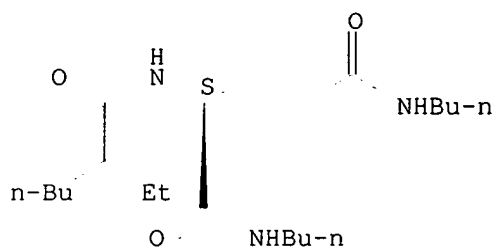
Absolute stereochemistry.



RN 486455-65-6 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(2-ethyl-1-oxohexyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

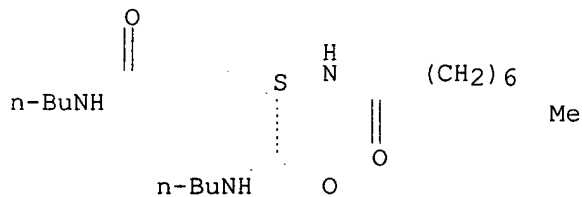
Absolute stereochemistry.



RN 486455-66-7 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

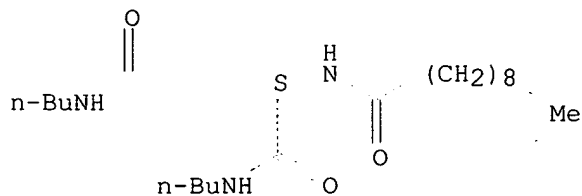
Absolute stereochemistry.



RN 486455-67-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxodecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

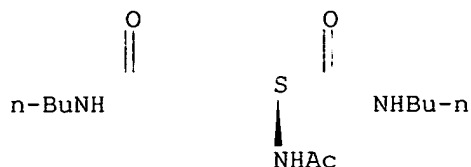
Absolute stereochemistry.



RN 486455-68-9 USPATFULL

CN Pentanediamide, 2-(acetylamino)-N,N'-dibutyl-, (2S)- (9CI) (CA INDEX
NAME)

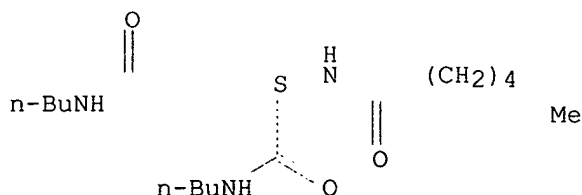
Absolute stereochemistry.



RN 486455-69-0 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxohexyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

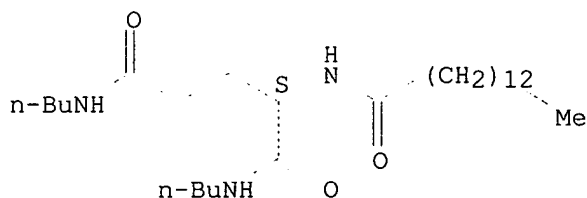
Absolute stereochemistry.



RN 486455-70-3 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxotetradecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

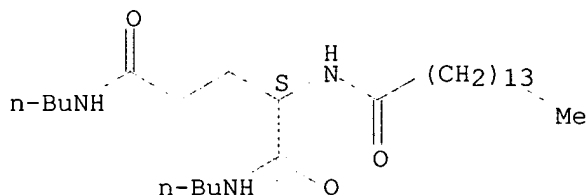
Absolute stereochemistry.



RN 486455-71-4 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxopentadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 2 OF 24 USPATFULL

AN 2002:246380 USPATFULL

TI Cosmetic compositions

IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM

Hopkinson, Andrew, Bebington, UNITED KINGDOM

PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)

PI US 6455056 B1 20020924

AI US 2000-547804 20000411 (9)

PRAI GB 1999-8212 19990412
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M
 LREP Stein, Kevin J.
 CLMN Number of Claims: 31
 ECL Exemplary Claim: 2
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 1683

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition contains a water-immiscible carrier liquid and a structurant therefor which is effective to **gel** the composition upon cooling from a temperature at which the structurant is a mobile solution in the carrier liquid. The carrier liquid may serve as a continuous phase in which a solid or liquid disperse phase is suspended. The structurant is a fully or partially esterified saccharide which contains no more than eight monosaccharide residues and has an enthalpy of **gelation** in the carrier liquid with a magnitude of at least 45 kJ/mole. This minimum enthalpy of **gelation** facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

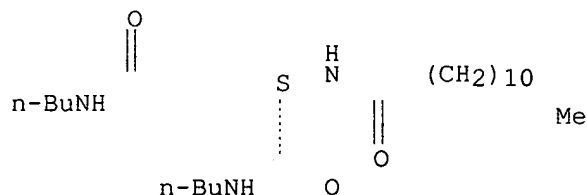
IT 63663-21-8

(cosmetic compns. contg. saccharide ester structurants)

RN 63663-21-8 USPTAFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 3 OF 24 USPTAFULL

AN 2002:181380 USPTAFULL

TI Temperature-stable polyamide resin-based composition, and products

IN Murphy, John, Fayetteville, TN, United States

Cunningham, John, Franklin, TN, United States

Sanders, Angie, Lewisburg, TN, United States

PA Cosmolab, Inc., Lewisburg, TN, United States (U.S. corporation)

PI US 6423324 B1 20020723

AI US 2000-597474 20000620 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dees, Jose G.; Assistant Examiner: Williamson, Michael A.

LREP Marshall, Gerstein & Borun

CLMN Number of Claims: 15

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 993

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A temperature-stable cosmetic composition including a polyamide resin, a solvent for the polyamide resin, and a **gelling** agent selected from the group consisting of N-acyl amino acid amides, N-acyl amino acid

esters, and mixtures thereof, is disclosed. A composition of the invention can be made translucent or transparent, need not require specialized packaging and containers, is not subject to hardening caused by evaporation of volatile alcohols, is temperature-stable over a period of several weeks, and exhibits excellent esthetic and functional properties, including sensory properties, for consumer acceptance.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 58997-71-0 69842-33-7 124843-50-1

382595-68-8 382595-69-9 382595-70-2

382595-71-3 382595-72-4 382595-73-5

382595-74-6 382595-75-7 382595-76-8

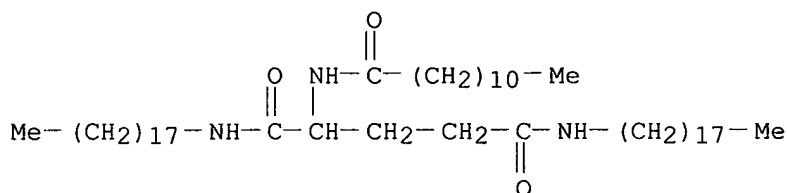
382595-77-9 382595-78-0 382595-79-1

382595-80-4 382595-81-5

(temp.-stable polyamide resin-based cosmetic compns.)

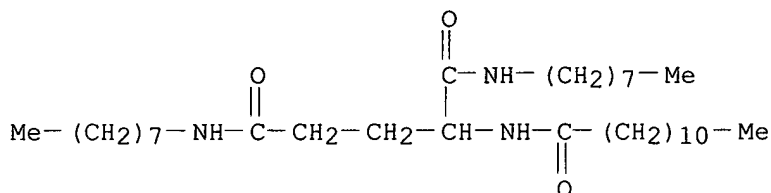
RN 58997-71-0 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



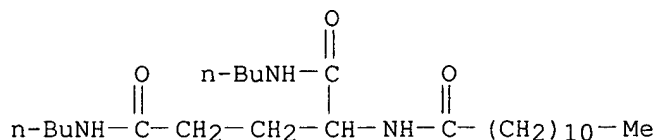
RN 69842-33-7 USPATFULL

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



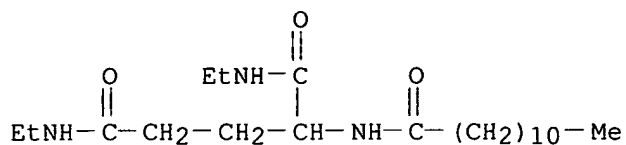
RN 124843-50-1 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



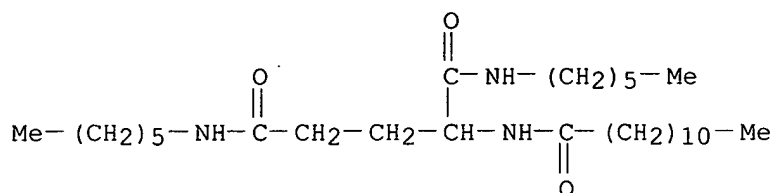
RN 382595-68-8 USPATFULL

CN Pentanediamide, N,N'-diethyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



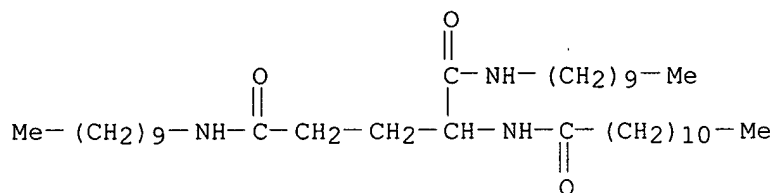
RN 382595-69-9 USPATFULL

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



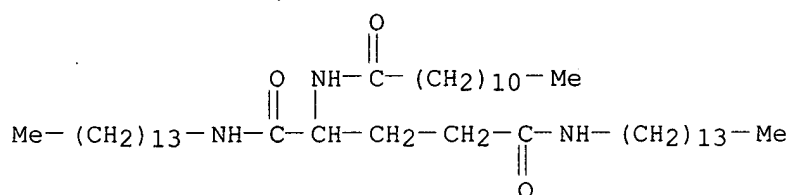
RN 382595-70-2 USPATFULL

CN Pentanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



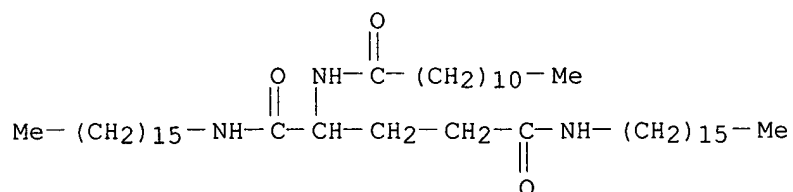
RN 382595-71-3 USPATFULL

CN Pentanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl- (9CI) (CA INDEX NAME)



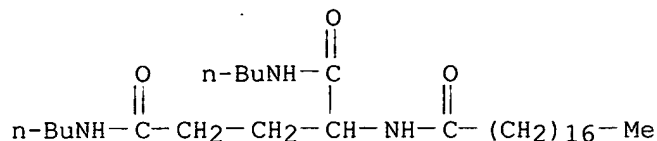
RN 382595-72-4 USPATFULL

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]- (9CI) (CA INDEX NAME)



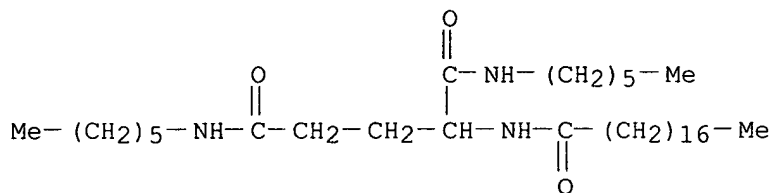
RN 382595-73-5 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



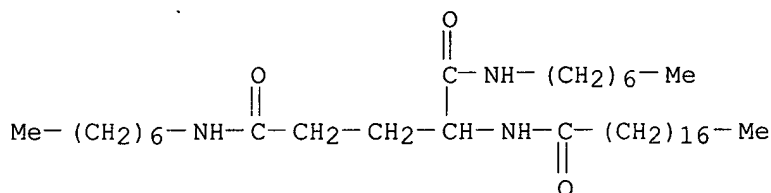
RN 382595-74-6 USPATFULL

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



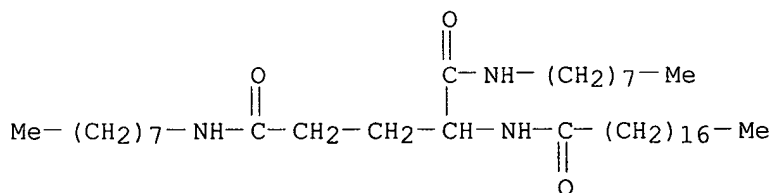
RN 382595-75-7 USPATFULL

CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



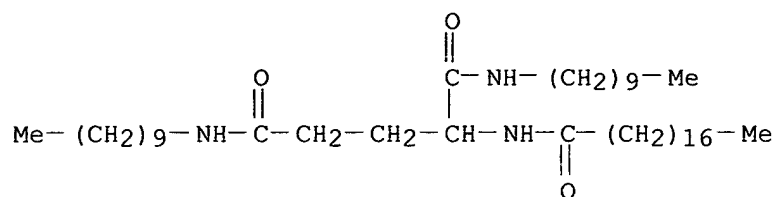
RN 382595-76-8 USPATFULL

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



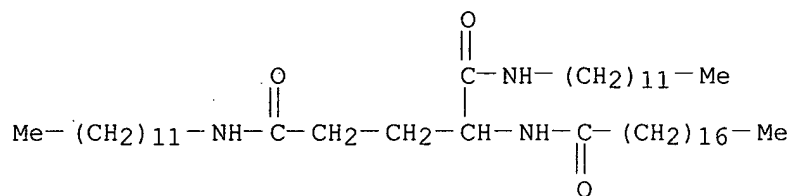
RN 382595-77-9 USPATFULL

CN Pentanediamide, N,N'-didecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



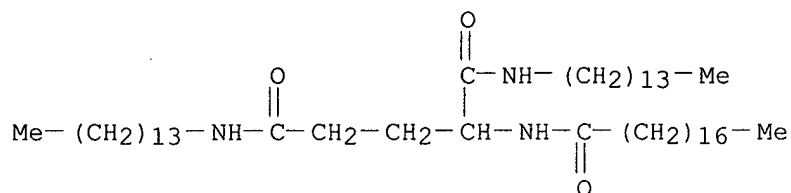
RN 382595-78-0 USPATFULL

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



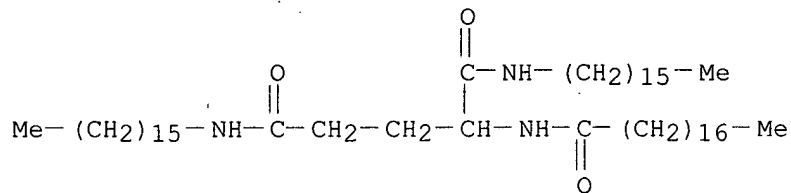
RN 382595-79-1 USPATFULL

CN Pentanediamide, 2-[(1-oxooctadecyl)amino]-N,N'-ditetradecyl- (9CI) (CA INDEX NAME)



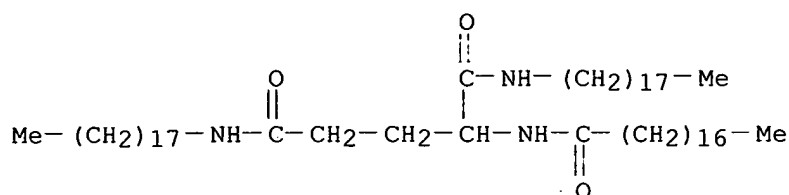
RN 382595-80-4 USPATFULL

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



RN 382595-81-5 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxooctadecyl)amino]- (9CI) (CA INDEX NAME)



L62 ANSWER 4 OF 24 USPATFULL

AN 2002:164371 USPATFULL

TI Wax free transparent lipstick composition

IN DiGirolamo, Debra, Holmdel, NJ, UNITED STATES

PI US 2002085984 A1 20020704

US 6468510 B2 20021022

AI US 2001-754457 A1 20010104 (9)

DT Utility

FS APPLICATION

LREP Gabriel P. Katona L.L.P., 14th floor, 708 Third Avenue, New York, NY, 10017

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 120

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is a wax free lipstick composition of from about 30 to about 50% wt. tackiness agent, from about 30 to about 50% wt. of an oil or ester, from about 0.01 to about 5% wt. of a firming, bulking agent, from about 0.5 to about 10% wt. of a transparent, oil-gelatinizing agent, and (v) optionally one or more of a coloring, perfuming, and appearance improving additive.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

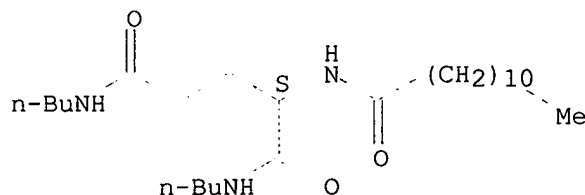
IT 63663-21-8, GP-1

(wax free transparent lipstick compn.)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 5 OF 24 USPATFULL

AN 2002:152189 USPATFULL

TI Cosmetic compositions

IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM

Stott, Ian Peter, Wirral, UNITED KINGDOM

Bhat, Rahila, Nelson, UNITED KINGDOM

PA Unilever Home & Personal Care, USA, a division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)

PI US 6410001 B1 20020625

AI US 2000-620858 20000721 (9)

PRAI EP 1999-305840 19990723
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Dodson, Shelley A.
 LREP Stein, Kevin J.
 CLMN Number of Claims: 33
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 1317

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Compositions for application to human skin have a continuous phase which contains water-immiscible oil structured by incorporation of a compound of formula ##STR1##

in which Y and Y^{sup.1} are each independently --CH_{sub.2} or >CO Q and Q^{sup.1} are each independently a hydrocarbyl group of at least 6 carbon atoms and m is from 2 to 4.

The composition may be an antiperspirant containing suspended particulate antiperspirant active or containing a dispersed phase in which antiperspirant active is dissolved in water or water-immiscible solvent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

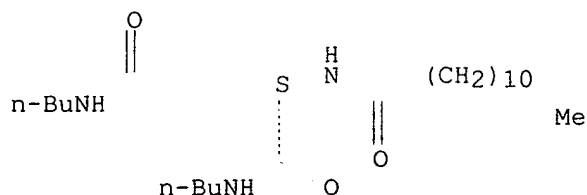
IT 63663-21-8, GP 1

(cosmetic compns. with continuous phase contg. water-immiscible oil and dibenzyl-threitol and analogs as gelling agents)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 6 OF 24 USPATFULL

AN 2002:63525 USPATFULL

TI Antiperspirant formulations

IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM

Turner, Graham Andrew, Wirral, UNITED KINGDOM

PA Unilever Home & Personal Care, USA division of Conopco, Inc., Greenwich, CT, United States (U.S. corporation)

PI US 6361766 B1 20020326

US 2002039563 A1 20020404

AI US 2001-920778 20010802 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Stein, Kevin J.

CLMN Number of Claims: 35

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1529

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Anhydrous antiperspirant formulations in which a particulate

antiperspirant active is suspended in a carrier fluid can result in significant visible deposits when applied to skin or when transferred onto clothing.

Anhydrous antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45% and preferably at least 60% of its weight comprises an oxygen-containing emollient oil having a refractive index of at least 1.465, in conjunction with structurant comprises a wax or a non-polymeric fiber-forming **gellant**, excluding certain **gellants** or **gellant** combinations. Preferred emollient oils include alkyl benzoates and alkylphenylsiloxanes. The waxes can even comprise fatty alcohols.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

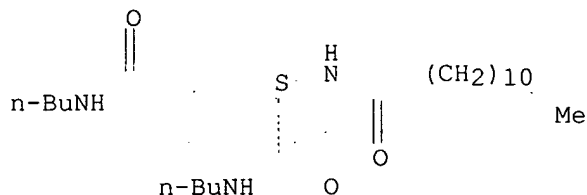
IT 63663-21-8, GP-1

(antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and gellant)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 7 OF 24 USPATFULL

AN 2001:237462 USPATFULL

TI Cosmetic compositions

IN Franklin, Kevin Ronald, Bebington, Great Britain

Hopkinson, Andrew, Bebington, Great Britain

PI US 2001055574 A1 20011227

US 6426060 B2 20020730

AI US 2000-548309 A1 20000412 (9)

PRAI GB 1999-8212 19990412

DT Utility

FS APPLICATION

LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020

CLMN Number of Claims: 25

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1777

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition is a structured emulsion of a continuous phase containing water-immiscible liquid carrier plus a structurant, and a disperse phase which is a solution of antiperspirant active in a more polar, probably aqueous, solvent. The structurant is a material which forms a network of fibers in the continuous phase, thereby **gelling** it. The structurant has an enthalpy of **gelation** in the carrier liquid or a test liquid with a magnitude of at least 30 kJ/mole. This minimum enthalpy of **gelation** facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

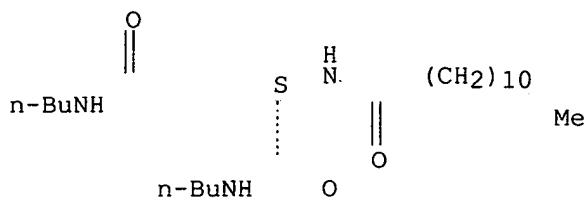
IT 63663-21-8

(cosmetic compns. contg. saccharide ester structurants)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 8 OF 24 USPATFULL

AN 2001:152462 USPATFULL

TI Antiperspirant compositions

IN Franklin, Kevin Ronald, Bebington, United Kingdom

Kowalski, Adam Jan, Bebington, United Kingdom

Esser, Isabelle Claire, Bebington, United Kingdom

Rowe, Kathryn Elizabeth, Bebington, United Kingdom

PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)

PI US 6287544 B1 20010911

AI US 2000-547604 20000412 (9)

PRAI GB 1999-8218 19990412

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Boxer, Matthew

CLMN Number of Claims: 25

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1358

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A cosmetic composition preferably an antiperspirant composition, in solid or soft-solid form has a continuous phase which contains a water-immiscible liquid carrier and also contains a structurant which is partially or fully esterified cellobiose of the formula ##STR1##

wherein each Z is independently hydrogen or an acyl group of the formula ##STR2##

where R denotes a hydrocarbyl group containing from 4 to 22 carbon atoms. Not more than half of the Z groups are hydrogen.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

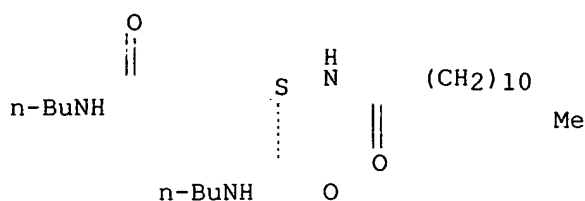
IT 63663-21-8

(antiperspirant structured emulsion compns.)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 9 OF 24 USPATFULL

AN 2001:144910 USPATFULL

TI Antiperspirant compositions

IN Chuah, Beng Sim, Merseyside, Great Britain

Clare, Sarah Jane, Merseyside, Great Britain

Franklin, Kevin Ronald, Merseyside, Great Britain

Hough, Gordon Charles, Merseyside, Great Britain

Turner, Graham Andrew, Merseyside, Great Britain

PI US 2001018045 A1 20010830

US 6387358 B2 20020514

AI US 2001-759123 A1 20010112 (9)

PRAI GB 2000-875 20000114

GB 2000-16942 20000710

DT Utility

FS APPLICATION

LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1480

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Soft solid antiperspirant formulations in which a particulate antiperspirant active material is suspended in a continuous phase containing a water-immiscible liquid which is structured by specified proportions of an organic polymeric thickener and a second structurant selected from fibre-forming structurants and waxes (often other than fatty alcohols) or a mixture of both.

Such soft solid formulations avoid or minimise problems inherent in production of many published formulations such as sensitivity to small changes in concentration of the structurant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

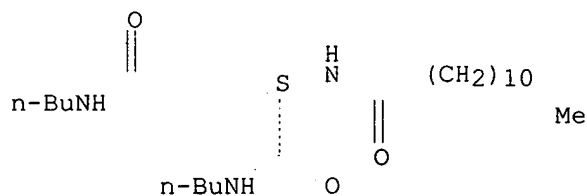
IT 63663-21-8, GP 1

(antiperspirant compns. contg. polymeric thickeners, fatty alcs. and waxes)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

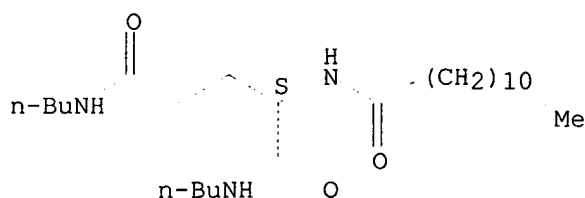


L62 ANSWER 10 OF 24 USPATFULL
 AN 2001:82302 USPATFULL
 TI Antiperspirant compositions
 IN Esser, Isabelle Claire, Bebington, United Kingdom
 Franklin, Kevin Ronald, Bebington, United Kingdom
 Grainger, Lynda, Bebington, United Kingdom
 Kowalski, Adam Jan, Bebington, United Kingdom
 Rowe, Kathryn Elizabeth, Bebington, United Kingdom
 PA Unilever Home & Personal Care USA, division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)
 PI US 6241976 B1 20010605
 AI US 2000-547445 20000412 (9)
 PRAI GB 1999-8223 19990412
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Dodson, Shelley A.
 LREP Boxer, Matthew
 CLMN Number of Claims: 24
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1728
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB An antiperspirant composition is a structured emulsion of a continuous phase containing water-immiscible liquid carrier plus a structurant, and a disperse phase which is a solution of antiperspirant active in water or a mixture of water and water-soluble solvent. The structurant is a fully or partially esterified saccharide. The compositions give low visible residue when applied to skin or to clothing.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-21-8P, GP1
 (antiperspirant compns. contg. esterified saccharide structurants)
 RN 63663-21-8 USPATFULL
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 11 OF 24 USPATFULL
 AN 1999:128117 USPATFULL
 TI Freshness retaining gel composition
 IN Okada, Toru, 688-3, Minori, Kakogawacho, Kakogawa, Hyogo, 675, Japan
 Kuranari, Kenji, 6-16-25, Chayama, Jounanku, Fukuoka, Fukuoka, 814-01, Japan
 Mihara, Yukari, 406, 5-60, Sukuminami, Kasuga, Fukuoka, 816, Japan
 PI US 5968498 19991019
 AI US 1998-14612 19980128 (9)
 PRAI JP 1997-98382 19970331
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Lovering, Richard D.
 LREP Birch, Stewart, Kolasch & Birch, LLP
 CLMN Number of Claims: 11

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 300

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The freshness of meat, vegetables and fruits in a refrigerator or food storage box can be retained for a long period of time by using (1) a freshness retaining **gel** composition which comprises a freshness retainer component comprising an isothiocyanic acid compound and an aliphatic carboxylic acid or (2) a freshness retaining **gel** composition which comprises a freshness retainer component comprising an isothiocyanic acid compound, a nonionic surfactant or a fatty acid ester, and a **gelling** agent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

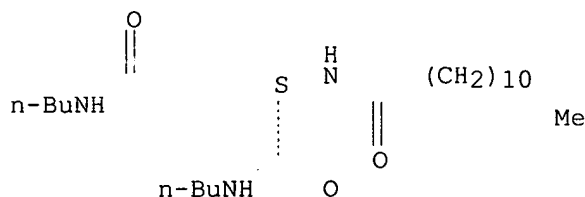
IT 63663-21-8, N-Lauroyl-L-glutamic acid .alpha.,.gamma.-dibutylamide

(gelling agent; sustained-release gel compns. contg. isothiocyanates and carboxylic acids for preserving fresh food)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 12 OF 24 USPATFULL

AN 1999:116959 USPATFULL

TI Antiperspirant compositions containing select coupling agents

IN Sawin, Philip Andrew, Cincinnati, OH, United States

Keune, Pamela Ann, West Chester, OH, United States

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 5958386 19990928

AI US 1998-96258 19980611 (9)

DT Utility

FS Granted

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Tucker, Joan B., Winter, William J., Rosnell, Tara M.

CLMN Number of Claims: 19

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 865

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Disclosed are antiperspirant compositions which comprise (a) from about 3% to about 40% by weight of a coupling agent comprising a combination of hexylene glycol and a hydrocarbon oil wherein the weight ratio of hexylene glycol to hydrocarbon oil is from about 1:2 to about 1:20; from about 0.5% to about 60% by weight of an antiperspirant active; from about 1% to about 15% by weight of a **gellant** selected from the group consisting of fatty acids, fatty acid esters, fatty acid amides, n-acyl amino acid derivatives, and mixtures thereof; and from about 10% to about 80% by weight of a volatile liquid carrier. The use of a combination of hexylene glycol and a hydrocarbon oil provides for improved coupling benefits at lower coupler concentrations, and allows

for the formulation of an antiperspirant composition with good antiperspirant and aesthetic performance.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-28-5, N-Lauroyl-glutamic acid distearyl amide

63663-44-5, N-Lauroyl-glutamic acid dioctyl amide

92484-73-6 104568-43-6 166527-43-1

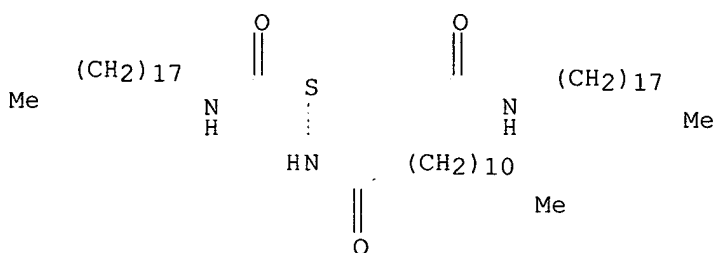
166527-44-2 166527-45-3

(antiperspirants contg. hexylene glycol and hydrocarbon oils and gellants and volatile silicones)

RN 63663-28-5 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

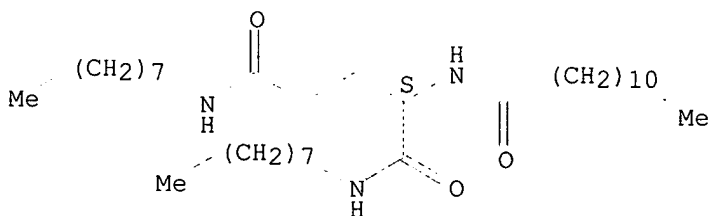
Absolute stereochemistry.



RN 63663-44-5 USPATFULL

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

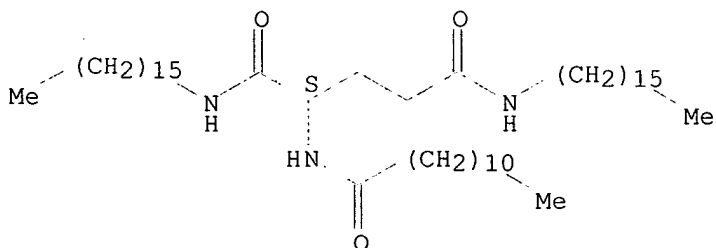
Absolute stereochemistry.



RN 92484-73-6 USPATFULL

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

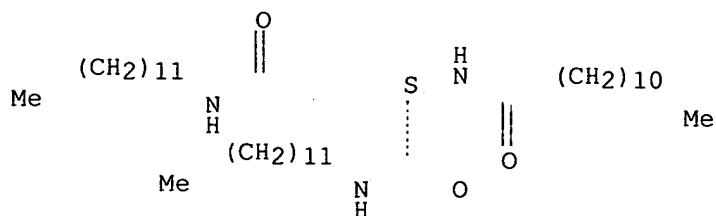
Absolute stereochemistry.



RN 104568-43-6 USPATFULL

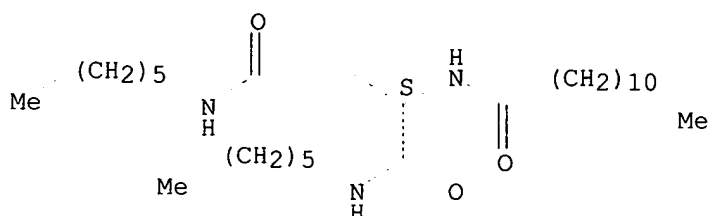
CN Pentanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



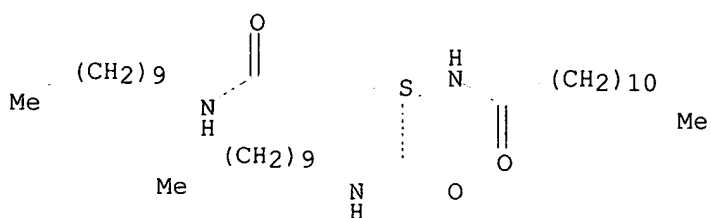
RN 166527-43-1 USPATFULL
CN Pentanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



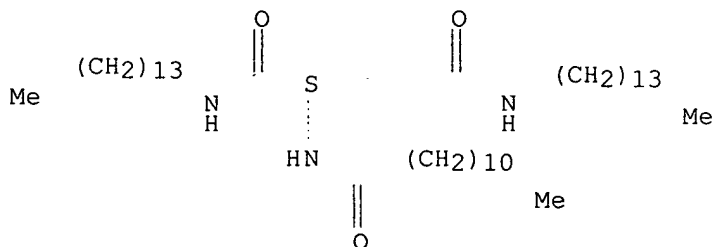
RN 166527-44-2 USPATFULL
CN Pentanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 166527-45-3 USPATFULL
CN Pentanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 13 OF 24 USPATFULL

AN 1998:95649 USPATFULL

TI Process for the preparation of N-lauroyl-L-glutamic acid di-n-butylamide

IN Engelhardt, Fritz, Chesapeake, VA, United States

Muller, Manfred, Gelnhausen, Germany, Federal Republic of

Wessling, Michael, Charlotte, NC, United States

PA Hoechst Aktiengesellschaft, Frankfurt, Germany, Federal Republic of
(non-U.S. corporation)

PI US 5792880 19980811

AI US 1997-816599 19970313 (8)

PRAI DE 1996-19610323 19960315

DT Utility

FS Granted

EXNAM Primary Examiner: Killos, Paul J.

LREP Dearth, Miles B.

CLMN Number of Claims: 7

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 204

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present Application relates to a process for the preparation of N-lauroyl-L-glutamic acid di-n-butylamide by reaction of N-lauroyl-L-glutamic acid dimethyl ester with n-butylamine in the presence of a hydrocarbon or hydrocarbon mixture as an auxiliary solvent.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-21-8P

(amidation process and hydrocarbon solvents for the prepn. of

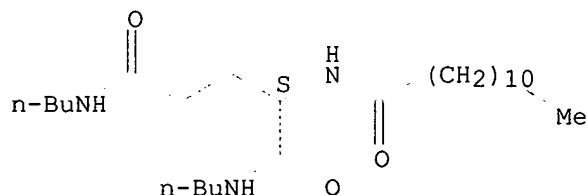
N-lauroyl-L-glutamic acid bis-n-butylamide from di-Me

N-lauroyl-L-glutamate and n-butylamine)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 14 OF 24 USPATFULL

AN 1998:78747 USPATFULL

TI Pharmaceuticals compositions containing **gellants** in the form
of alkyl amides of di- and tri-carboxylic acids

IN Guskey, Gerald John, Montgomery, OH, United States

Lo, Raymond Joseph, Cincinnati, OH, United States

Swaile, David Frederick, Cincinnati, OH, United States

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
corporation)

PI US 5776494 19980707

AI US 1996-771101 19961220 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Webman, Edward J.

LREP Rosnell, Tara M., Little, Darryl C.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1240

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The present invention relates to pharmaceutical compositions useful as carriers for topical skin actives such as moisturizers, protectants, antiperspirants, deodorants and the like; and more particularly, to such pharmaceutical compositions in the form of a **gel** or **gel stick**.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-32-1 209918-05-8 209918-06-9

209918-07-0 209918-08-1 209918-09-2

209918-10-5 209918-11-6 209918-12-7

209918-13-8 209918-14-9 209918-15-0

209918-16-1 209918-18-3 209918-20-7

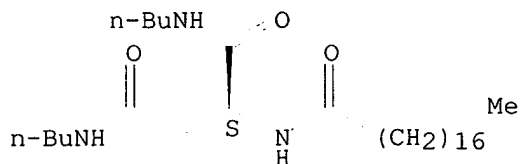
209918-22-9 209918-24-1 209918-26-3

(gelling agent; alkyl amides of di- and tricarboxylic acids as gelling agents for pharmaceutical gel sticks with reduced visible residue)

RN 63663-32-1 USPATFULL

CN Butanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

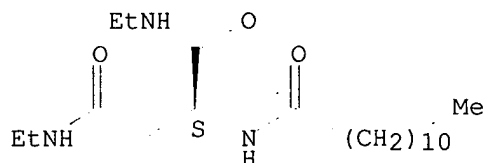
Absolute stereochemistry.



RN 209918-05-8 USPATFULL

CN Butanediamide, N,N'-diethyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

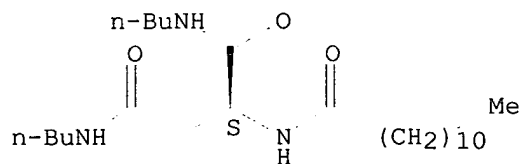
Absolute stereochemistry.



RN 209918-06-9 USPATFULL

CN Butanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

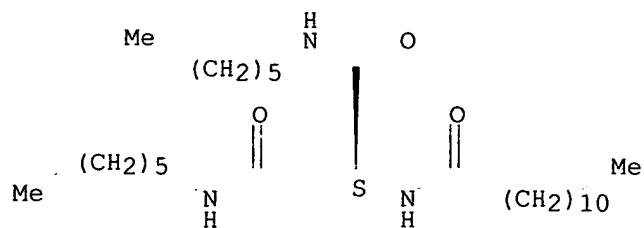


RN 209918-07-0 USPATFULL

CN Butanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA

INDEX NAME)

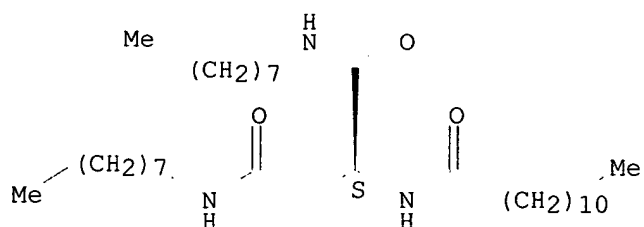
Absolute stereochemistry.



RN 209918-08-1 USPATFULL

CN Butanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

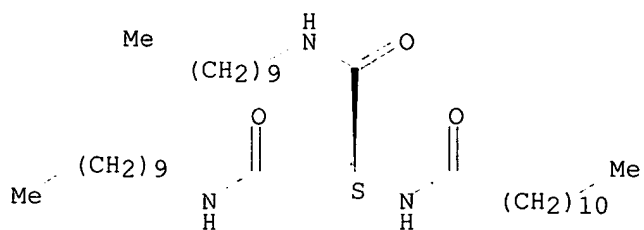
Absolute stereochemistry.



RN 209918-09-2 USPATFULL

CN Butanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

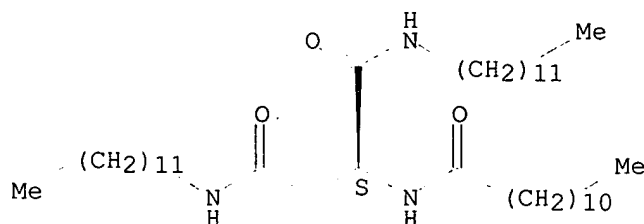
Absolute stereochemistry.



RN 209918-10-5 USPATFULL

CN Butanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

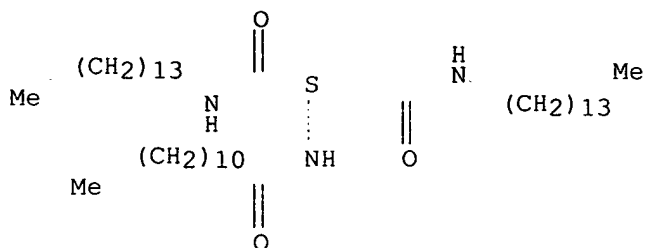
Absolute stereochemistry.



RN 209918-11-6 USPATFULL

CN Butanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI)
(CA INDEX NAME)

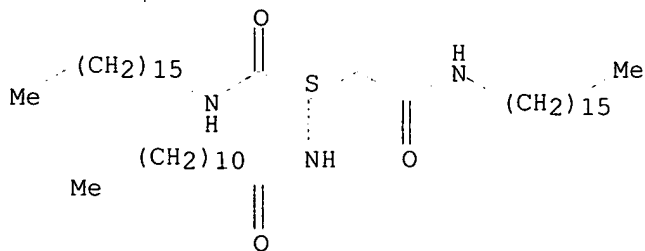
Absolute stereochemistry.



RN 209918-12-7 USPATFULL

CN Butanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

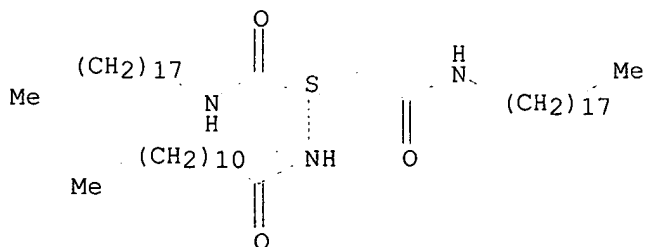
Absolute stereochemistry.



RN 209918-13-8 USPATFULL

CN Butanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

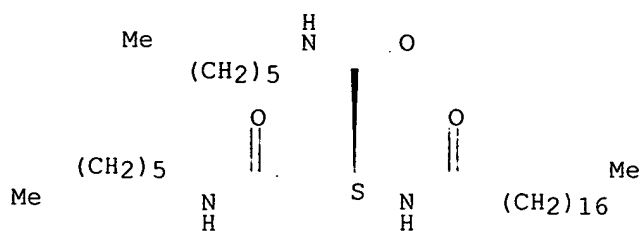
Absolute stereochemistry.



RN 209918-14-9 USPATFULL

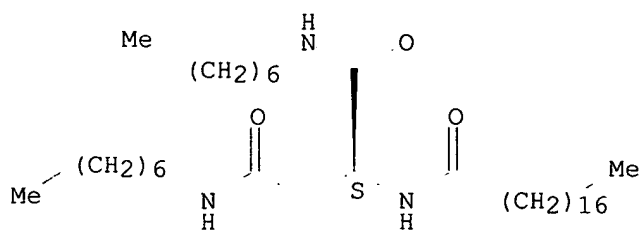
CN Butanediamide, N,N'-dihexyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



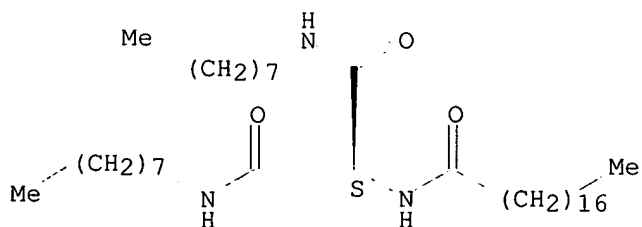
RN 209918-15-0 USPATFULL
 CN Butanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



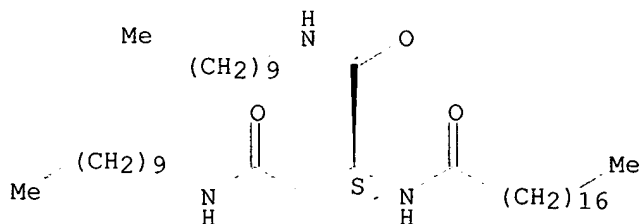
RN 209918-16-1 USPATFULL
 CN Butanediamide, N,N'-dioctyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



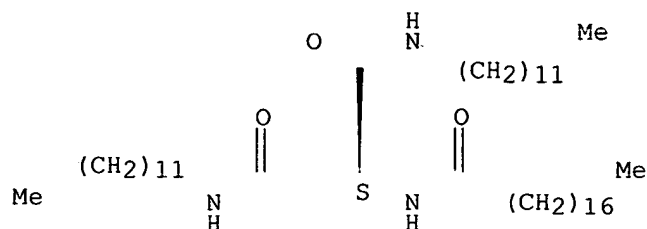
RN 209918-18-3 USPATFULL
 CN Butanediamide, N,N'-didecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



RN 209918-20-7 USPATFULL
 CN Butanediamide, N,N'-didodecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

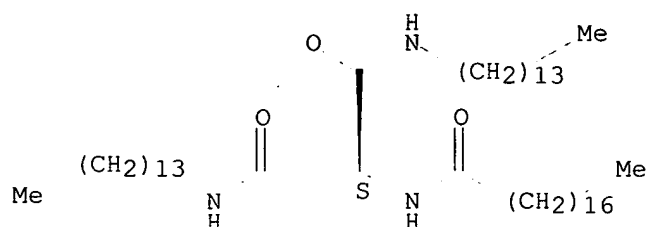
Absolute stereochemistry.



RN 209918-22-9 USPATFULL

CN Butanediamide, 2-[(1-oxooctadecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI)
(CA INDEX NAME)

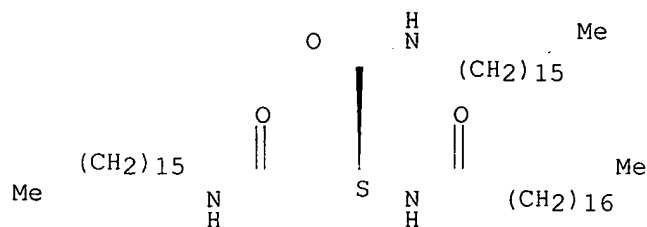
Absolute stereochemistry.



RN 209918-24-1 USPATFULL

CN Butanediamide, N,N'-dihexadecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

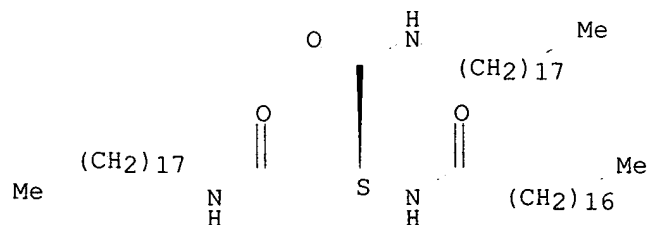
Absolute stereochemistry.



RN 209918-26-3 USPATFULL

CN Butanediamide, N,N'-dioctadecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 15 OF 24 USPATFULL

AN 97:63754 USPATFULL

TI Antiperspirant **gel** stick compositions
 IN Hofrichter, Brian David, Hunt Valley, MD, United States
 Gardlik, John Michael, Cincinnati, OH, United States
 Sawin, Philip Andrew, Cincinnati, OH, United States
 Luebbe, John Paul, Lawrenceburg, IN, United States
 Bradbury, Barton James, West Chester, OH, United States
 PA The Procter & Gamble Co., Cincinnati, OH, United States (U.S.
 corporation)
 PI US 5650144 19970722
 AI US 1995-481784 19950607 (8)
 RLI Continuation of Ser. No. US 1993-85424, filed on 30 Jun 1993, now
 patented, Pat. No. US 5429816
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Dodson, Shelley A.
 LREP Dabbieri, David E., Lewis, Leonard W., Winter, William J.
 CLMN Number of Claims: 4
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 897

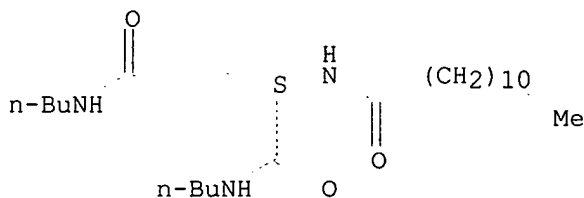
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An antiperspirant **gel** stick composition incorporating a
gelling agent, including a primary **gellant** selected
 from the group consisting of 12-hydroxystearic acid, esters of
 12-hydroxystearic acid, amides of 12-hydroxystearic acid, and mixtures
 thereof and a secondary **gellant** selected from the group
 consisting of n-acyl amino acid amide derivatives. The antiperspirant
gel stick compositions further incorporate a liquid base
 material including a non-polar, volatile oil and a relatively polar,
 non-volatile co-solvent. The combination of the **gelling** agent
 and the co-solvent permit the utilization of relatively high levels of a
 non-polar volatile oils which provide a dry feel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

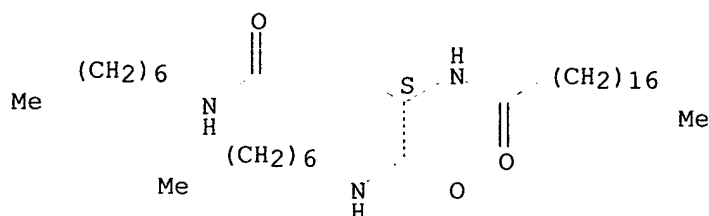
IT 63663-21-8 152368-88-2
 (as gelling agent, antiperspirant gel stick contg.)
 RN 63663-21-8 USPATFULL
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



RN 152368-88-2 USPATFULL
 CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 16 OF 24 USPATFULL

AN 97:1159 USPATFULL

TI Antiperspirant **gel** stick compositions

IN Hofrichter, Brian D., Hunt Valley, MD, United States

Gardlik, John M., Cincinnati, OH, United States

Sawin, Philip A., Cincinnati, OH, United States

Luebke, John P., Lawrenceburg, IN, United States

Bradbury, Barton J., West Chester, OH, United States

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 5591424 19970107

AI US 1995-481780 19950607 (8)

RLI Continuation of Ser. No. US 1993-85424, filed on 30 Jun 1993, now patented, Pat. No. US 5429816

DT Utility

FS Granted

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Dabbieri, David K., Winter, William J., Lewis, Leonard W.

CLMN Number of Claims: 22

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1069

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An antiperspirant **gel** stick composition incorporating a **gelling** agent, including a primary **gellant** selected from the group consisting of 12-hydroxystearic acid, esters of 12-hydroxystearic acid, amides of 12-hydroxystearic acid, and mixtures thereof and a secondary **gellant** selected from the group consisting of n-acyl amino acid amide derivatives. The antiperspirant **gel** stick compositions further incorporate a liquid base material including a non-polar, volatile oil and a relatively polar, non-volatile co-solvent. The combination of the **gelling** agent and the co-solvent permit the utilization of relatively high levels of a non-polar volatile oils which provide a dry feel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

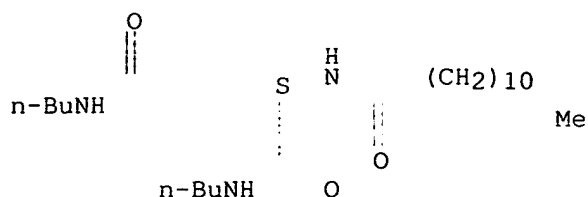
IT 63663-21-8 152368-88-2

(as gelling agent, antiperspirant gel stick contg.)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

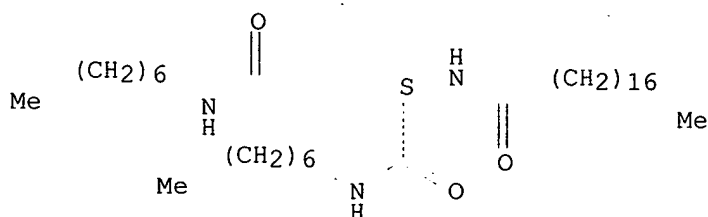
Absolute stereochemistry.



RN 152368-88-2 USPATFULL

CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 17 OF 24 USPATFULL

AN 96:80007 USPATFULL

TI Gel stick compositions comprising optically enriched gellants

IN Motley, Curtis B., West Chester, OH, United States

PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S. corporation)

PI US 5552136 19960903

AI US 1994-248938 19940525 (8)

DT Utility

FS Granted

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Howell, John M., Suter, David L., Rasser, Jacobus C.

CLMN Number of Claims: 19

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 920

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to antiperspirant gel stick compositions comprising:

(a) an antiperspirant active;

(b) a gelling agent comprising:

(i) an optically enriched primary gellant selected from the group consisting of 12-hydroxystearic acid, esters of 12-hydroxystearic acid, amides of 12-hydroxystearic acid, and mixtures thereof; and

(ii) a secondary gellant selected from the group consisting of n-acyl amino acid amide derivatives;

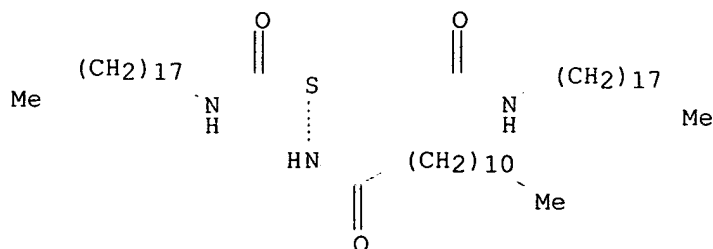
(c) a liquid base material having a solubility parameter of 9 or below;

wherein the gel stick has a hardness of 75 grams of force or more.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

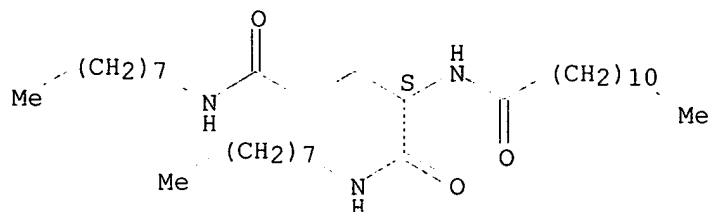
IT 63663-28-5, N-Lauroylglutamic acid distearylamine
 63663-44-5, N-Lauroylglutamic acid dioctylamide
 (gel stick compns. comprising optically enriched gellants)
 RN 63663-28-5 USPATFULL
 CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
 (CA INDEX NAME)

Absolute stereochemistry.



RN 63663-44-5 USPATFULL
 CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
 INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 18 OF 24 USPATFULL
 AN 96:40953 USPATFULL
 TI Antiperspirant **gel** compositions comprising chelators
 IN Motley, Curtis B., West Chester, OH, United States
 Bradbury, Barton J., West Chester, OH, United States
 PA The Procter & Gamble Company, Cincinnati, OH, United States (U.S.
 corporation)
 PI US 5516511 19960514
 AI US 1994-239081 19940506 (8)
 DT Utility
 FS Granted
 EXNAM Primary Examiner: Dodson, Shelley A.
 LREP Howell, John M., Graff, IV, Milton B., Rasser, Jacobus C.
 CLMN Number of Claims: 14
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 957

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The subject invention relates to antiperspirant **gel**
 compositions comprising chelators. The subject invention also relates to
 a process for the manufacture of antiperspirant **gel**
 compositions comprising the steps of:

(a) pre-mixing a chelator with an antiperspirant active in a

substantially water free environment; and

(b) adding a **gelling** agent and a liquid base material to the product of step (a) in a substantially water free environment.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

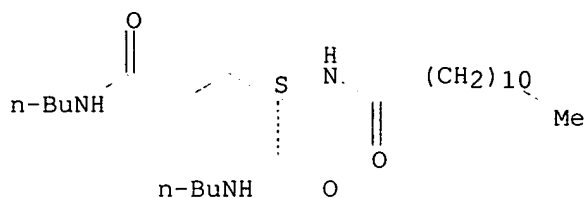
IT 63663-21-8

(antiperspirant sticks contg. gellants and chelators)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 19 OF 24 USPATFULL

AN 95:60154 USPATFULL

TI Antiperspirant **gel** stick compositions

IN Hofrichter, Brian D., Hunt Valley, MD, United States

Gardlik, John M., Cincinnati, OH, United States

Sawin, Philip A., Cincinnati, OH, United States

Luebbe, John P., Lawrenceburg, IN, United States

Bradbury, Barton J., West Chester, OH, United States

PA Procter & Gamble, Cincinnati, OH, United States (U.S. corporation)

PI US 5429816 19950704

AI US 1993-85424 19930630 (8)

RLI Continuation-in-part of Ser. No. US 1992-881934, filed on 12 May 1992, now abandoned

DT Utility

FS Granted

EXNAM Primary Examiner: Ore, Dale R.

LREP Lewis, Leonard W., Howell, John M., Hilton, Michael E.

CLMN Number of Claims: 24

ECL Exemplary Claim: 1

DRWN No Drawings

LN.CNT 1147

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB An antiperspirant **gel** stick composition incorporating a **gelling** agent, including a primary **gellant** selected from the group consisting of 12-hydroxystearic acid, esters of 12-hydroxystearic acid, amides of 12-hydroxystearic acid, and mixtures thereof and a secondary **gellant** selected from the group consisting of n-acyl amino acid amide derivatives. The antiperspirant **gel** stick compositions further incorporate a liquid base material including a non-polar, volatile oil and a relatively polar, non-volatile co-solvent. The combination of the **gelling** agent and the co-solvent permit the utilization of relatively high levels of a non-polar volatile oils which provide a dry feel.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-21-8 63663-28-5, N-Lauroyl glutamic acid

distearyl amide 63663-44-5, N-Lauroyl glutamic acid dioctyl

amide 91599-19-8 92484-73-6 104568-43-6

104568-44-7 152104-30-8 152368-88-2

166527-43-1 166527-44-2 166527-45-3

166527-46-4 166527-47-5 166527-48-6

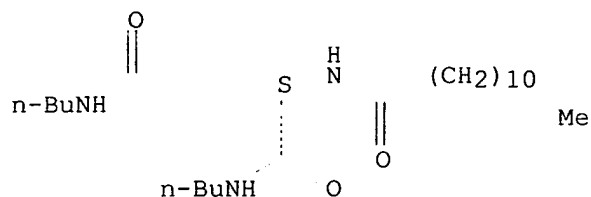
166527-49-7 166527-50-0 166527-51-1

(gellant for antiperspirant gel stick compns.)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

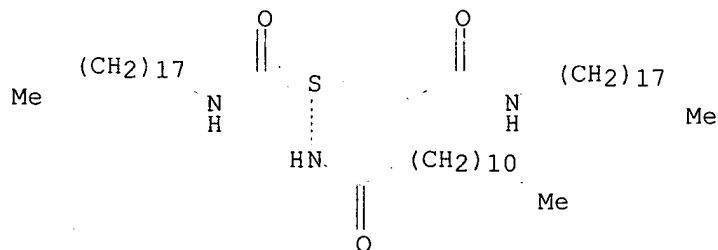
Absolute stereochemistry.



RN 63663-28-5 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

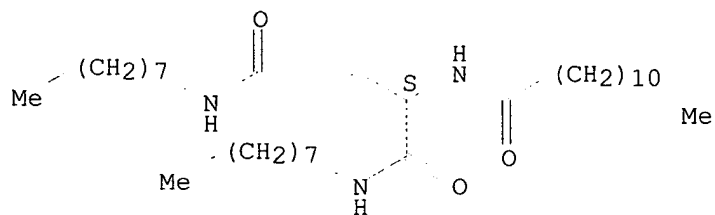
Absolute stereochemistry.



RN 63663-44-5 USPATFULL

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

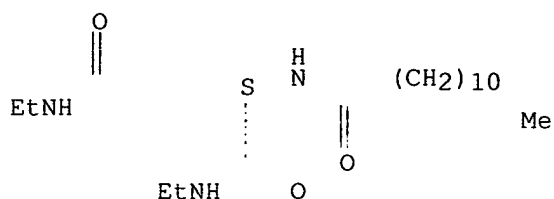
Absolute stereochemistry.



RN 91599-19-8 USPATFULL

CN Pentanediamide, N,N'-diethyl-2-[(1-oxododecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

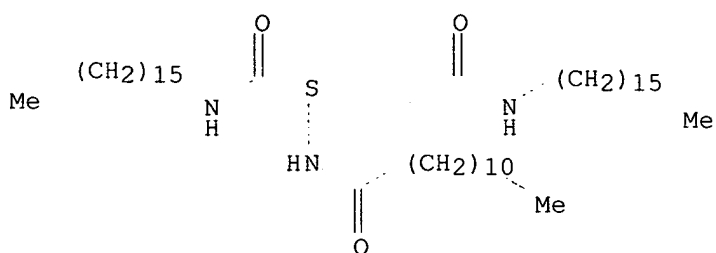
Absolute stereochemistry.



RN 92484-73-6 USPATFULL

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

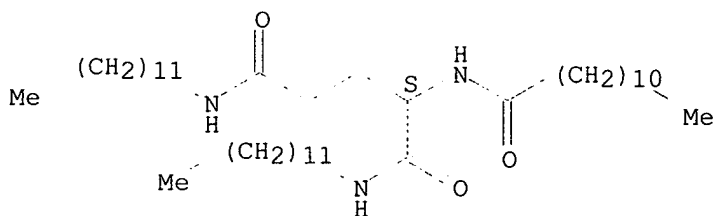
Absolute stereochemistry.



RN 104568-43-6 USPATFULL

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

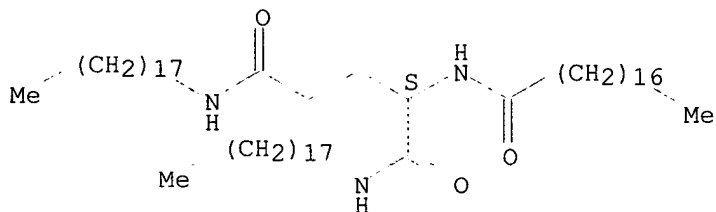
Absolute stereochemistry.



RN 104568-44-7 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI)
(CA INDEX NAME)

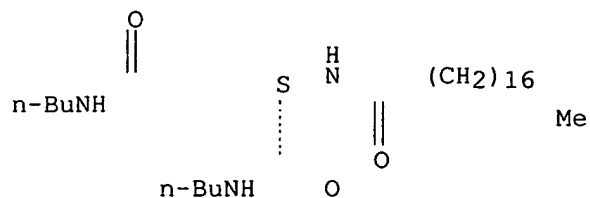
Absolute stereochemistry.



RN 152104-30-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA
INDEX NAME)

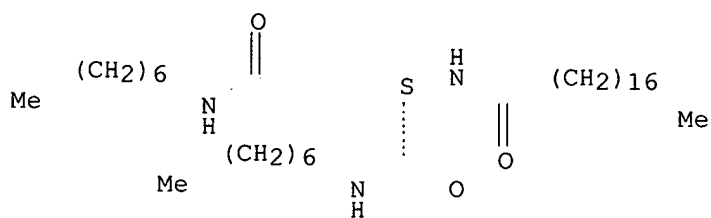
Absolute stereochemistry.



RN 152368-88-2 USPATFULL

CN Pentanediamide, N,N'-diheptyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

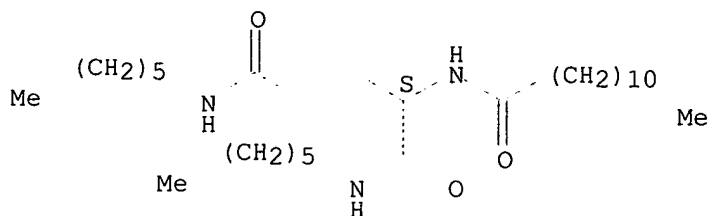
Absolute stereochemistry.



RN 166527-43-1 USPATFULL

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

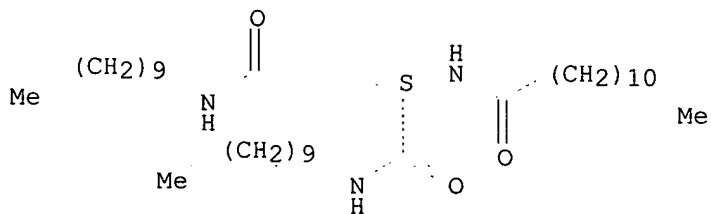
Absolute stereochemistry.



RN 166527-44-2 USPATFULL

CN Pentanediamide, N,N'-didecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

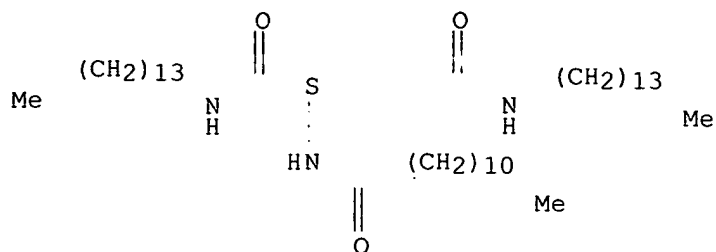
Absolute stereochemistry.



RN 166527-45-3 USPATFULL

CN Pentanediamide, 2-[(1-oxododecyl)amino]-N,N'-ditetradecyl-, (2S)- (9CI) (CA INDEX NAME)

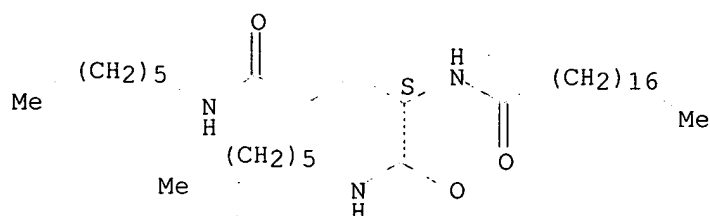
Absolute stereochemistry.



RN 166527-46-4 USPATFULL

CN Pentanediamide, N,N'-dihexyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

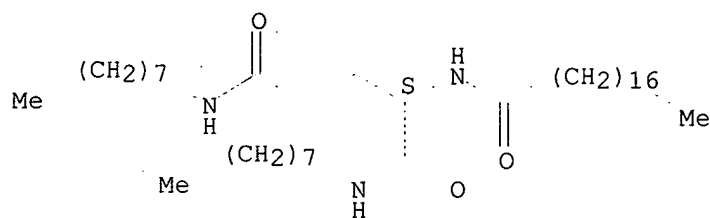
Absolute stereochemistry.



RN 166527-47-5 USPATFULL

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

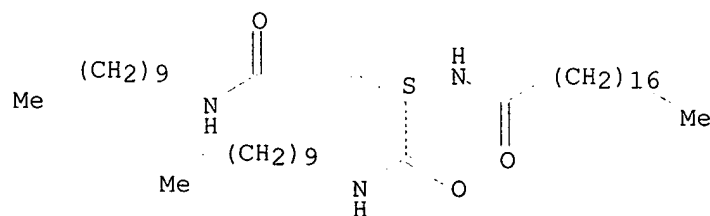
Absolute stereochemistry.



RN 166527-48-6 USPATFULL

CN Pentanediamide, N,N'-didecyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.

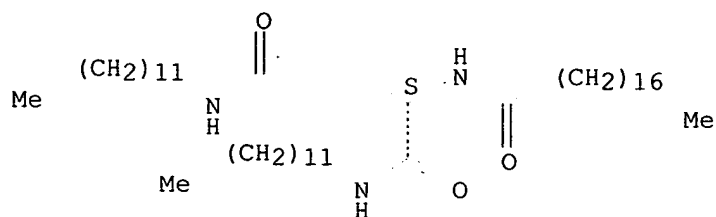


RN 166527-49-7 USPATFULL

CN Pentanediamide, N,N'-didodecyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI)

(CA INDEX NAME)

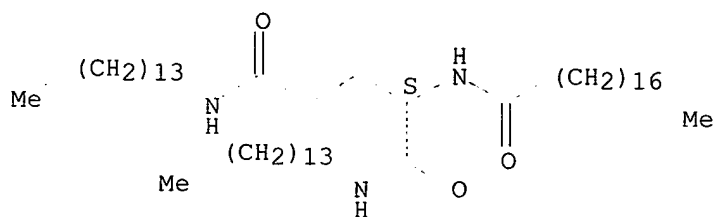
Absolute stereochemistry.



RN 166527-50-0 USPATFULL

CN Pentanediamide, 2-[(1-oxooctadecyl)amino]-N,N'-ditetradecyl-, (S)- (9CI)
(CA INDEX NAME)

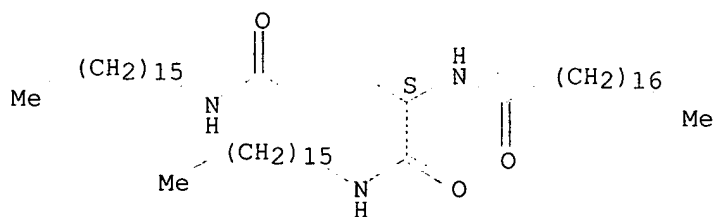
Absolute stereochemistry.



RN 166527-51-1 USPATFULL

CN Pentanediamide, N,N'-dihexadecyl-2-[(1-oxooctadecyl)amino]-, (S)- (9CI)
(CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 20 OF 24 USPATFULL

AN 76:39027 USPATFULL

TI Gels of nonpolar liquids with N-acyl amino acids and derivatives thereof as gelling agents

IN Saito, Tadaomi, Yokohama, Japan
Matsuzawa, Yoshimasa, Yokohama, Japan
Ninagawa, Sadayoshi, Yokohama, Japan
Honma, Masao, Kawasaki, Japan
Takesada, Masahiko, Tokyo, Japan
Takehara, Masahiro, Fujisawa, Japan

PA Ajinomoto Co., Ltd., Tokyo, Japan (non-U.S. corporation)

PI US 3969087 19760713

AI US 1975-549488 19750212 (5)

PRAI JP 1974-90633 19740807

JP 1974-90634 19740807

DT Utility

FS Granted
 EXNAM Primary Examiner: Miller, Edward A.
 LREP Oblon, Fisher, Spivak, McClelland & Maier
 CLMN Number of Claims: 30
 ECL Exemplary Claim: 25
 DRWN No Drawings
 LN.CNT 927

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB A wide variety of non-polar organic liquids are converted into gels by homogeneously admixing the non-polar organic liquids with a small amount of certain N-acyl amino acids or derivatives of N-acyl amino acids such as esters, amides and amine salts of the N-acyl amino acids.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

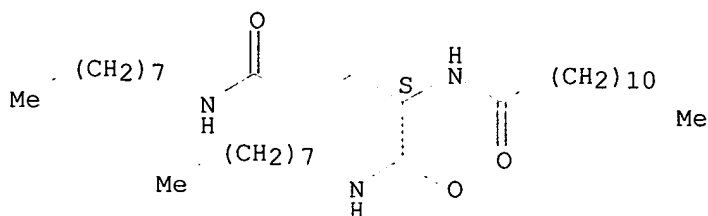
IT 63663-44-5 63663-47-8

(gelation agents, for fuels and lubricating and vegetable oils)

RN 63663-44-5 USPATFULL

CN Pentanediamide, N,N'-dioctyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

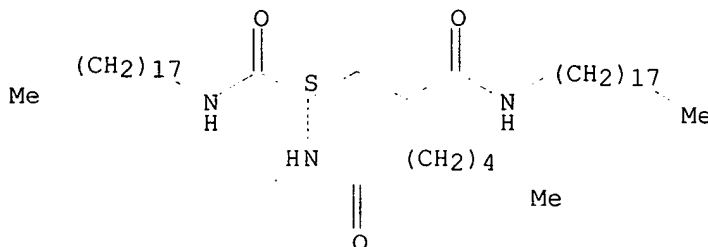
Absolute stereochemistry.



RN 63663-47-8 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxohexyl)amino]-, (S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



IT 63663-21-8 63663-28-5 63663-29-6

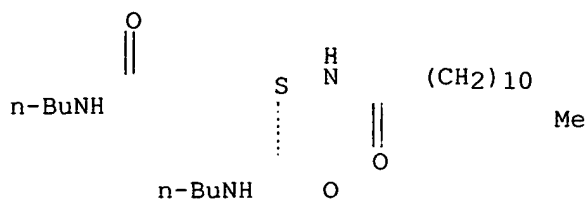
63663-31-0 63663-32-1

(gelation agents, for hydrocarbon fuels and lubricating and vegetable oils)

RN 63663-21-8 USPATFULL

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

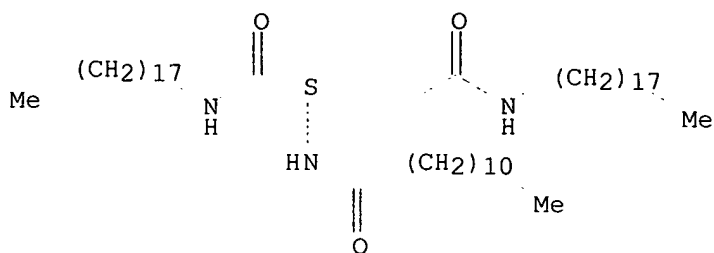
Absolute stereochemistry.



RN 63663-28-5 USPATFULL

CN Pentanediamide, N,N'-dioctadecyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI)
(CA INDEX NAME)

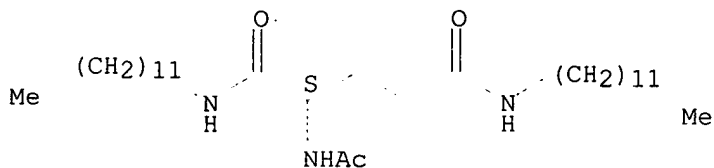
Absolute stereochemistry.



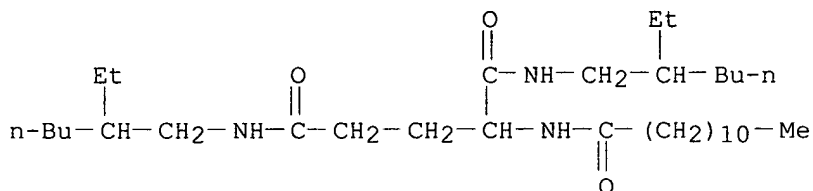
RN 63663-29-6 USPATFULL

CN Pentanediamide, 2-(acetylamino)-N,N'-didodecyl-, (2S)- (9CI) (CA INDEX
NAME)

Absolute stereochemistry.



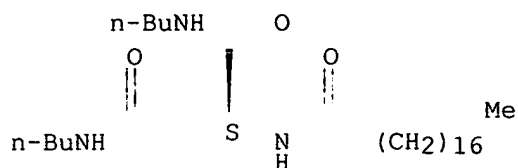
RN 63663-31-0 USPATFULL

CN Pentanediamide, N,N'-bis(2-ethylhexyl)-2-[(1-oxododecyl)amino]-, (S)-
(9CI) (CA INDEX NAME)

RN 63663-32-1 USPATFULL

CN Butanediamide, N,N'-dibutyl-2-[(1-oxooctadecyl)amino]-, (2S)- (9CI) (CA
INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 21 OF 24 USPAT2

AN 2002:164371 USPAT2

TI Wax free transparent lipstick composition

IN DiGirolamo, Debra, Holmdel, NJ, United States

PA Cosmetic Essence, Inc., Holmdel, NJ, United States (U.S. corporation)

PI US 6468510 B2 20021022

AI US 2001-754457 20010104 (9)

DT Utility

FS GRANTED

EXNAM Primary Examiner: Page, Thurman K.; Assistant Examiner: Sheikh, Humera N.

LREP Goodwin Procter LLP

CLMN Number of Claims: 13

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 118

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB The invention is a wax free lipstick composition of from about 30 to about 50% wt. tackiness agent, from about 30 to about 50% wt. of an oil or ester, from about 0.01 to about 5% wt. of a firming, bulking agent, from about 0.5 to about 10% wt. of a transparent, oil-gelatinizing agent, and (v) optionally one or more of a coloring, perfuming, and appearance improving additive.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

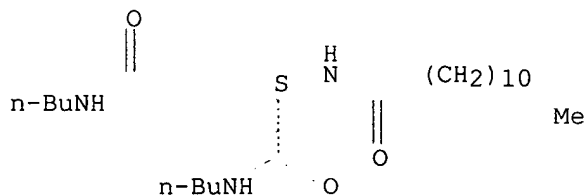
IT 63663-21-8, GP-1

(wax free transparent lipstick compn.)

RN 63663-21-8 USPAT2

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 22 OF 24 USPAT2

AN 2002:63525 USPAT2

TI Antiperspirant formulations

IN Franklin, Kevin Ronald, Wirral, UNITED KINGDOM

Turner, Graham Andrew, Wirral, UNITED KINGDOM

PA Unilever Home & Personal Care USA, Division of Conopco, Inc (non-U.S. corporation)

PI US 2002039563 A1 20020404

AI US 2001-920778 A1 20010802 (9)

PRAI GB 2000-19232 20000804

DT Utility
 FS APPLICATION
 LREP UNILEVER, PATENT DEPARTMENT, 45 RIVER ROAD, EDGEWATER, NJ, 07020
 CLMN Number of Claims: 30
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 1650

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

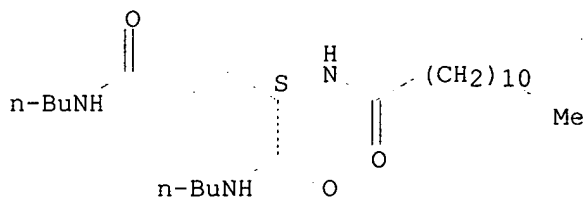
AB Anhydrous antiperspirant formulations in which a particulate antiperspirant active is suspended in a carrier fluid can result in significant visible deposits when applied to skin or when transferred onto clothing.

Anhydrous antiperspirant suspension sticks which exhibit very low visible deposits are obtainable by employing a carrier fluid in which at least 45% and preferably at least 60% of its weight comprises an oxygen-containing emollient oil having a refractive index of at least 1.465, in conjunction with structurant comprises a wax or a non-polymeric fiber-forming **gellant**, excluding certain **gellants** or **gellant** combinations. Preferred emollient oils include alkyl benzoates and alkylphenylsiloxanes. The waxes can even comprise fatty alcohols.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

IT 63663-21-8, GP-1
 (antiperspirant formulations with low visible deposits contg. emollient oil, wax structurant and gellant)
 RN 63663-21-8 USPAT2
 CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 23 OF 24 USPAT2
 AN 2001:237462 USPAT2
 TI Cosmetic compositions
 IN Franklin, Kevin Ronald, Bebington, UNITED KINGDOM
 Hopkinson, Andrew, Bebington, UNITED KINGDOM
 PA Unilever Home & Personal Care USA a division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)
 PI US 6426060 B2 20020730
 AI US 2000-548309 20000412 (9)
 PRAI GB 1999-8212 19990412
 DT Utility
 FS GRANTED
 EXNAM Primary Examiner: Dees, Jose' G.; Assistant Examiner: George, Konata M.
 LREP Stein, Kevin J.
 CLMN Number of Claims: 29
 ECL Exemplary Claim: 1
 DRWN 0 Drawing Figure(s); 0 Drawing Page(s)
 LN.CNT 1604
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB A cosmetic composition is a structured emulsion of a continuous phase

containing water-immiscible liquid carrier plus a structurant, and a disperse phase which is a solution of antiperspirant active in a more polar, probably aqueous, solvent. The structurant is a material which forms a network of fibers in the continuous phase, thereby gelling it. The structurant has an enthalpy of gelation in the carrier liquid or a test liquid with a magnitude of at least 30 kJ/mole. This minimum enthalpy of gelation facilitates processing at conveniently accessible temperatures and promotes stability.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

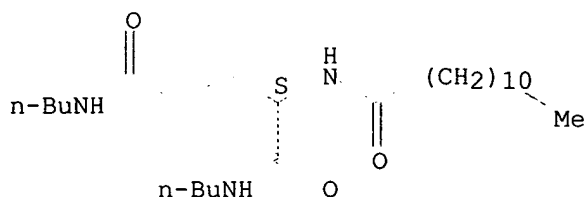
IT 63663-21-8

(cosmetic compns. contg. saccharide ester structurants)

RN 63663-21-8 USPAT2

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



L62 ANSWER 24 OF 24 USPAT2

AN 2001:144910 USPAT2

TI Antiperspirant compositions

IN Chuah, Beng Sim, Merseyside, UNITED KINGDOM

Clare, Sarah Jane, Merseyside, UNITED KINGDOM

Franklin, Kevin Ronald, Merseyside, UNITED KINGDOM

Hough, Gordon Charles, Merseyside, UNITED KINGDOM

Turner, Graham Andrew, Merseyside, UNITED KINGDOM

PA Unilever Home & Personal Care USA division of Conopco, Inc., Chicago, IL, United States (U.S. corporation)

PI US 6387358 B2 20020514

AI US 2001-759123 20010112 (9)

PRAI GB 2000-875 20000114

GB 2000-16942 20000710

DT Utility

FS GRANTED

EXNAM Primary Examiner: Dodson, Shelley A.

LREP Stein, Kevin J.

CLMN Number of Claims: 20

ECL Exemplary Claim: 1

DRWN 0 Drawing Figure(s); 0 Drawing Page(s)

LN.CNT 1307

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

AB Soft solid antiperspirant formulations in which a particulate antiperspirant active material is suspended in a continuous phase containing a water-immiscible liquid which is structured by specified proportions of an organic polymeric thickener and a second structurant selected from fibre-forming structurants and waxes (often other than fatty alcohols) or a mixture of both.

Such soft solid formulations avoid or minimise problems inherent in production of many published formulations such as sensitivity to small changes in concentration of the structurant.

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

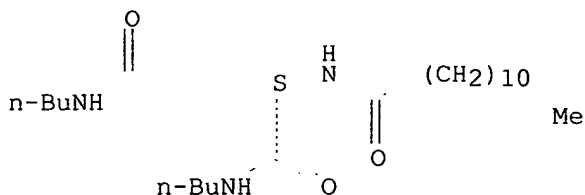
IT 63663-21-8, GP 1

(antiperspirant compns. contg. polymeric thickeners, fatty alcs. and waxes)

RN 63663-21-8 USPAT2

CN Pentanediamide, N,N'-dibutyl-2-[(1-oxododecyl)amino]-, (2S)- (9CI) (CA INDEX NAME)

Absolute stereochemistry.



=> d his

(FILE 'HOME' ENTERED AT 12:20:23 ON 02 MAR 2003)
SET COST OFF

FILE 'REGISTRY' ENTERED AT 12:20:40 ON 02 MAR 2003

L1 STR
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L3 SCR 1838 OR 2043
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L5 SCR 2043
L6 0 S L1 NOT L5 CSS
L7 SCR 1838
L8 0 S L1 NOT L7 CSS
L9 4 S L1 NOT L7
L10 83 S L1 NOT L3 CSS FUL
SAV L10 VKIM073/A

FILE 'HCAOLD' ENTERED AT 12:24:19 ON 02 MAR 2003

L11 1 S L10

FILE 'HCAPLUS' ENTERED AT 12:24:37 ON 02 MAR 2003

L12 120 S L10
E YAMATO N/AU
L13 11 S E5,E6
E NAOYA Y/AU
E NAYOA/AU
E YOSHIHARA H/AU
L14 63 S E3-E7,E18
E AJINOMOTO/PA,CS
E AJINOMO/PA,CS
L15 8487 S E5-E10
L16 8486 S AJINOMOTO?/PA,CS
L17 12 S L12 AND L13-L16
E YAMAMOTO N/AU
L18 417 S E3,E4,E56
L19 1 S L12 AND L18
L20 12 S L17,L19
SEL HIT RN

FILE 'REGISTRY' ENTERED AT 12:28:09 ON 02 MAR 2003

L21 24 S E1-E24

L22 59 S L10 NOT L21
L23 STR L1
L24 65 S L23 FUL SUB=L10
SAV L24 VKIM073A/A
L25 49 S L24 NOT L21
L26 8 S L21 NOT L24

FILE 'HCAPLUS' ENTERED AT 12:36:45 ON 02 MAR 2003

L27 112 S L24
L28 32 S L12,L27 AND COSMETIC?/SC,SX,CW,BI
L29 3 S L12,L27 AND (PHARMACEUT? OR PHARMACOL?)/SC,SX,CW,BI
L30 79 S L12,L27 AND GEL?
L31 23 S L30 AND L28,L29
L32 72 S L12,L27 AND (ASPART? OR GLUTAM?)
L33 19 S L32 AND L28,L29
L34 43 S L32 AND L30
L35 11 S L33 AND L34
L36 2 S L12,L27 AND ?ASPART?
L37 87 S L12,L27 AND ?GLUTAM?
L38 63 S L36,L37 AND L28,L29,L30
L39 15 S L38 AND L30 AND L28,L29
E COSMETICS/CT
L40 37375 S E3-E61
E E3+ALL
L41 56139 S E2,E1+NT
L42 32579 S E25+NT OR E26 OR E27+NT OR E29+NT OR E30+NT OR E31+NT
L43 19470 S E28+NT
L44 34 S L12,L27 AND L40-L43
L45 25 S L44 AND GEL?
L46 21 S L45 AND COSMETIC?/SC,SX
L47 4 S L45 NOT L46
L48 31 S L20,L46
L49 31 S L48 AND L12-L20,L27-L48
L50 23 S L49 AND (?ASPART? OR ?GLUTAM?)
L51 6 S L49 NOT GEL?
L52 20 S L50 NOT FUEL?/SC,SX,CW,BI
L53 11 S L49 NOT L52

FILE 'REGISTRY' ENTERED AT 12:45:43 ON 02 MAR 2003

FILE 'HCAPLUS' ENTERED AT 12:45:54 ON 02 MAR 2003

FILE 'USPATFULL, USPAT2' ENTERED AT 12:46:33 ON 02 MAR 2003

L54 31 S L10
L55 21 S L54 AND A61K/IC,ICM,ICS
L56 11 S L54 AND COSMETIC?/CT
L57 22 S L54 AND 424/NCLM,NCLS,INCLM,INCLS
L58 23 S L55-L57
L59 8 S L54 NOT L58
SEL AN 3
L60 1 S L59 AND E1
L61 24 S L58,L60
L62 24 S L61 AND GEL?/BI,CT

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